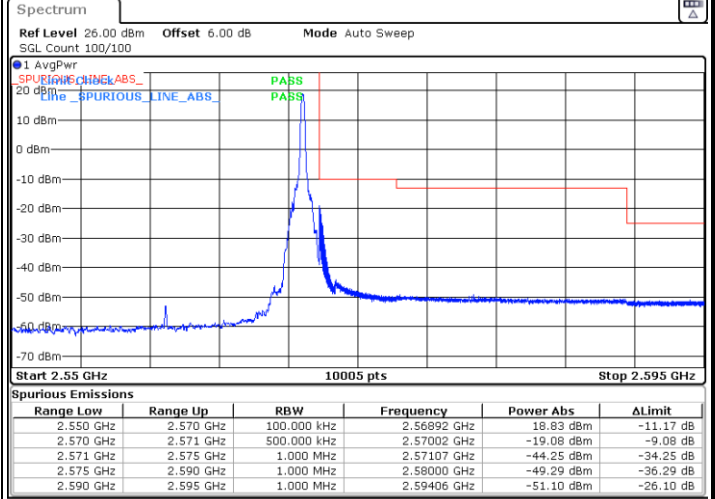
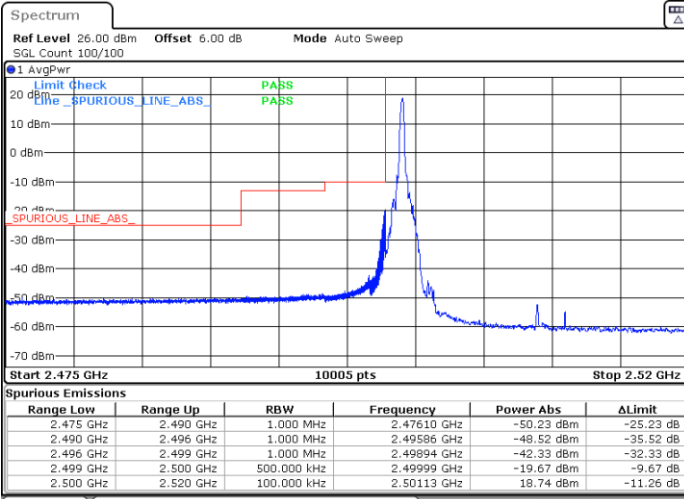




LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

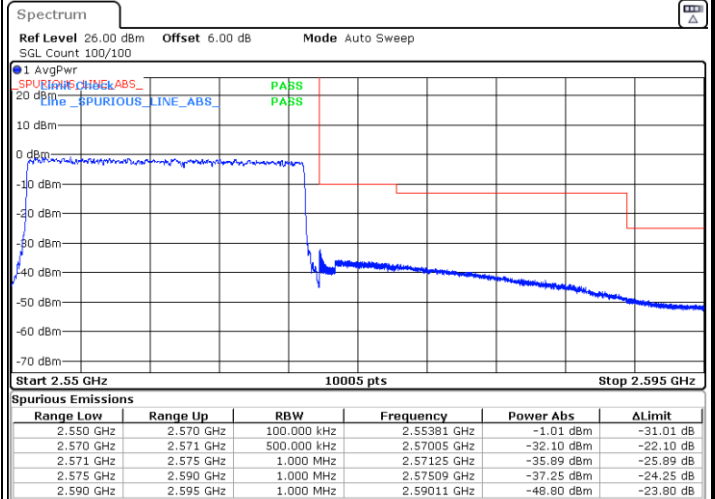
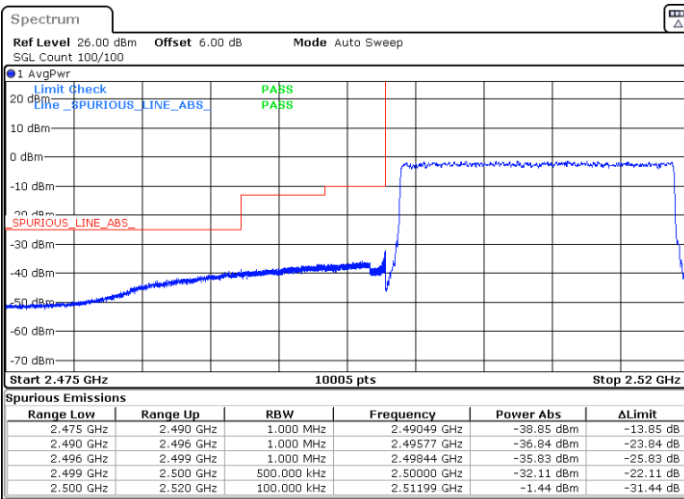


Date: 7.APR.2024 16:28:35

Date: 7.APR.2024 16:40:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7.APR.2024 16:24:52

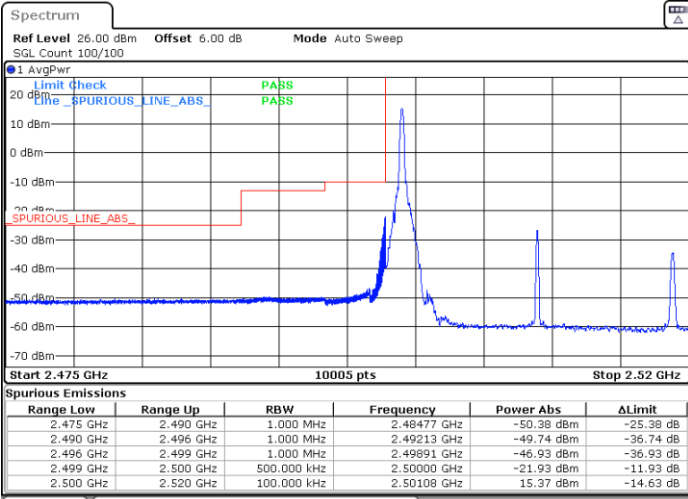
Date: 7.APR.2024 17:21:47



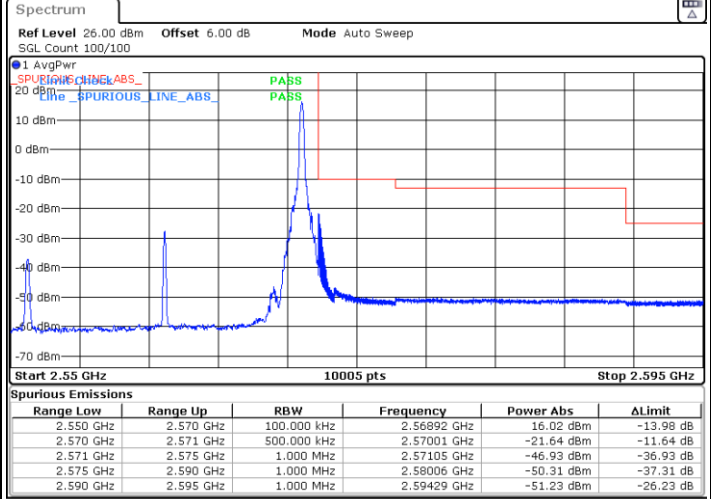
LTE Band 7 / 20MHz /256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



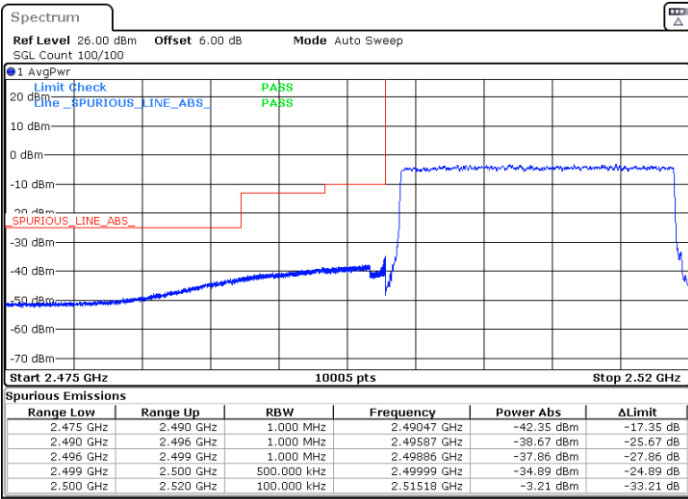
Date: 7.APR.2024 16:29:31



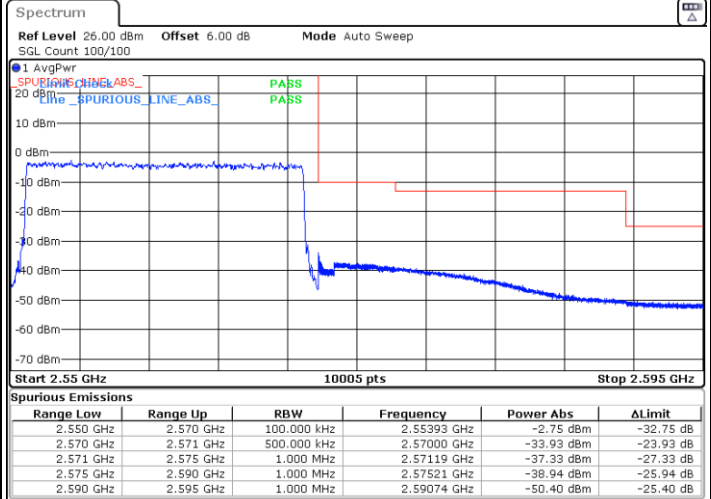
Date: 7.APR.2024 16:41:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



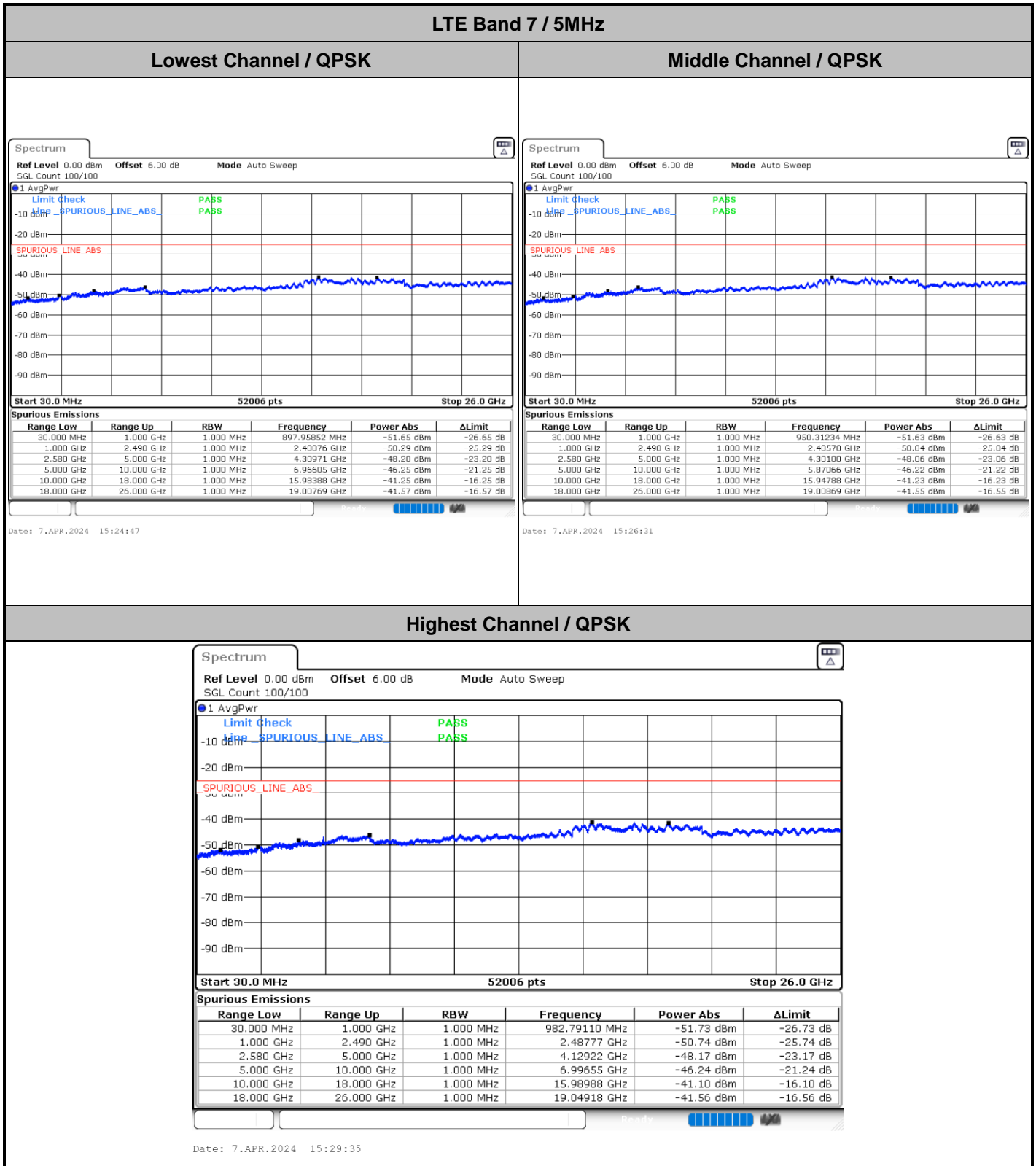
Date: 7.APR.2024 16:25:48



Date: 7.APR.2024 17:22:42



Conducted Spurious Emission

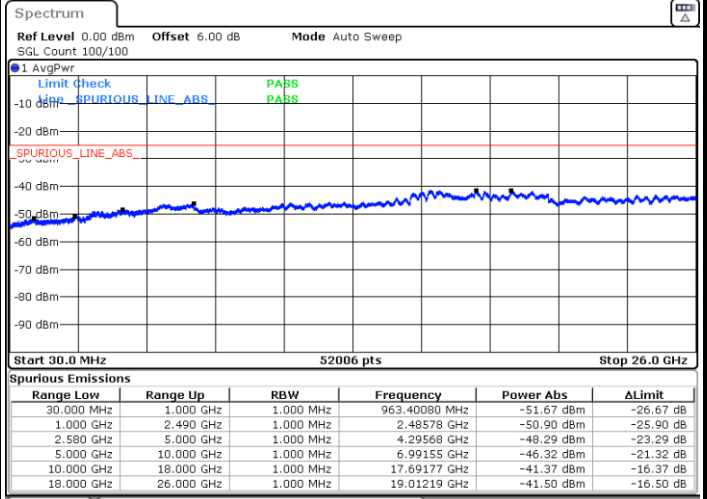
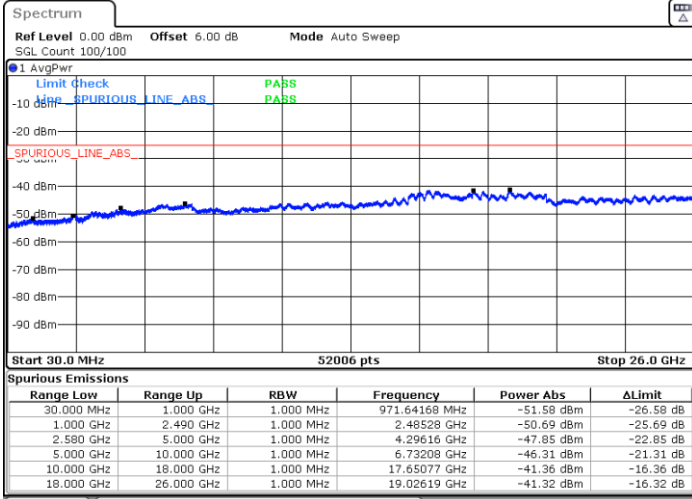




LTE Band 7 / 10MHz

Lowest Channel / QPSK

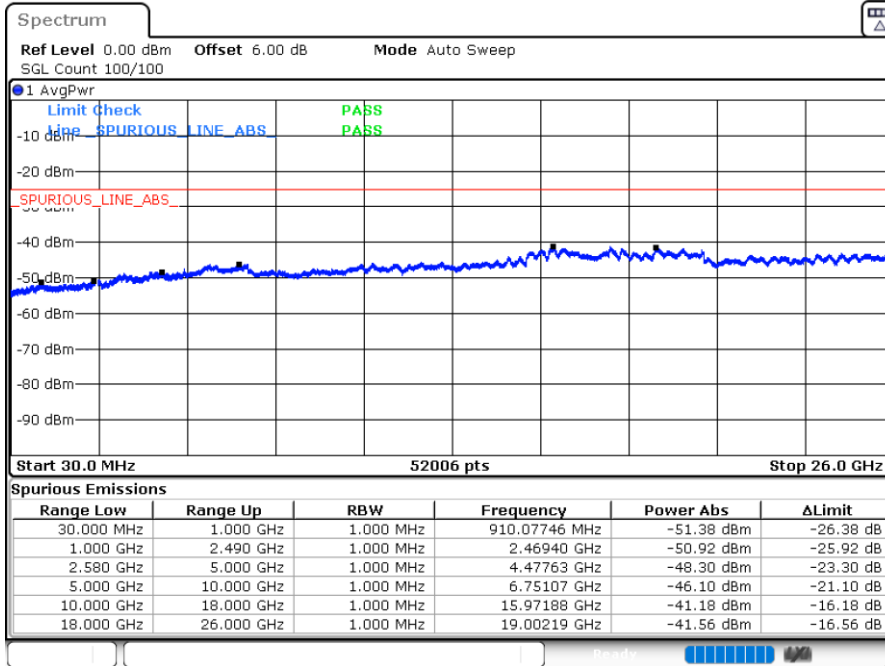
Middle Channel / QPSK



Date: 7.APR.2024 15:46:58

Date: 7.APR.2024 15:48:42

Highest Channel / QPSK



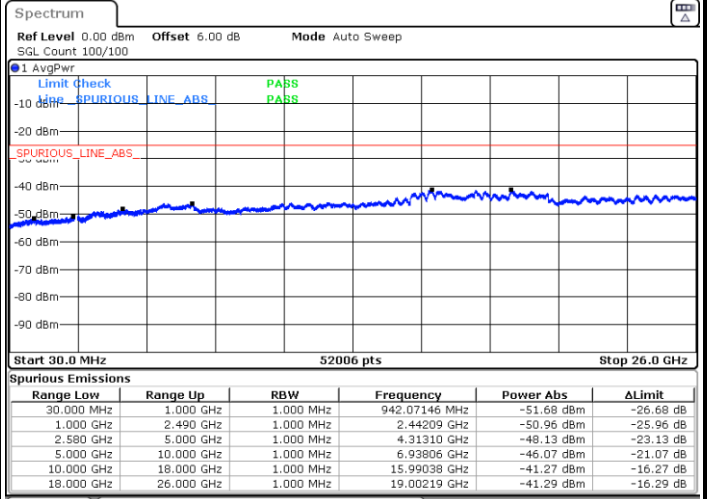
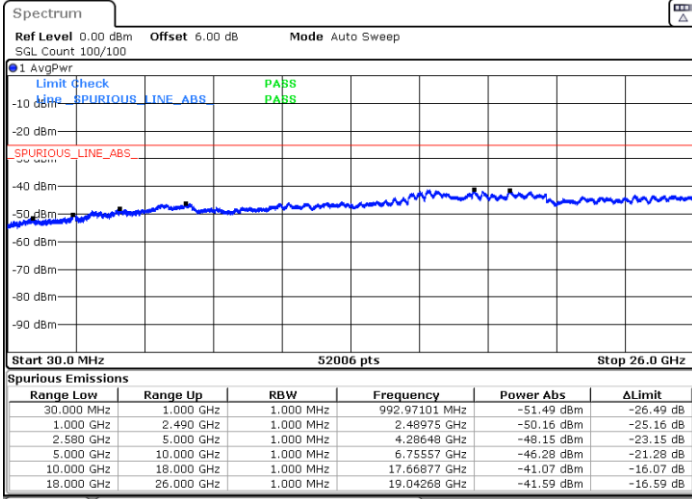
Date: 7.APR.2024 15:51:46



LTE Band 7 / 15MHz

Lowest Channel / QPSK

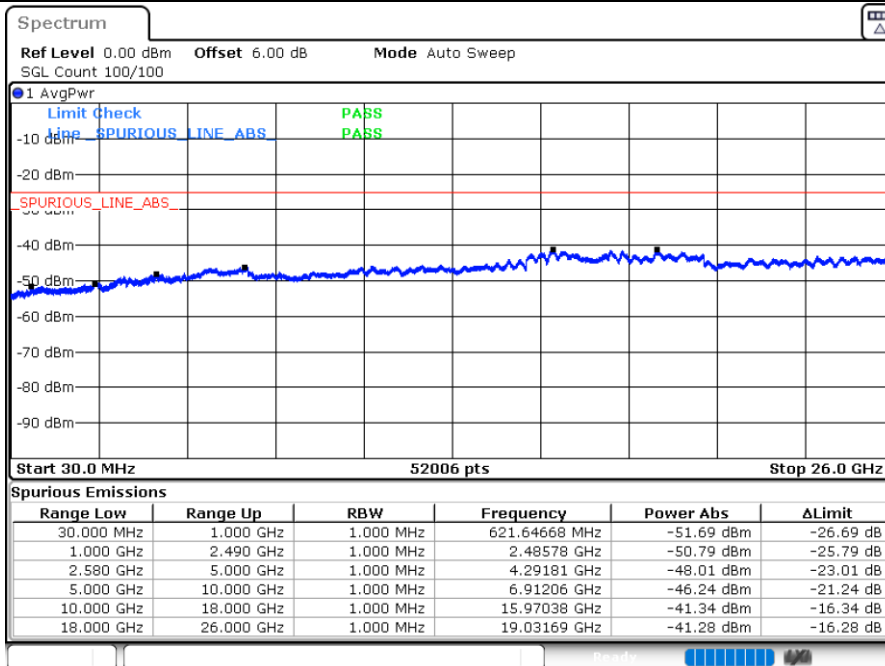
Middle Channel / QPSK



Date: 7.APR.2024 16:09:08

Date: 7.APR.2024 16:10:52

Highest Channel / QPSK



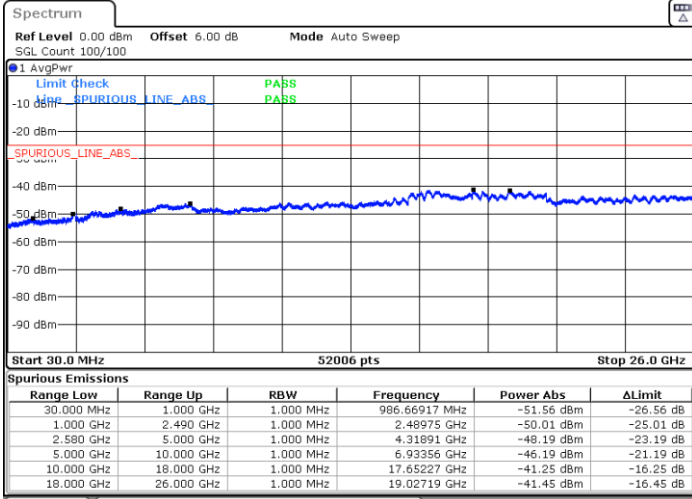
Date: 7.APR.2024 16:13:56



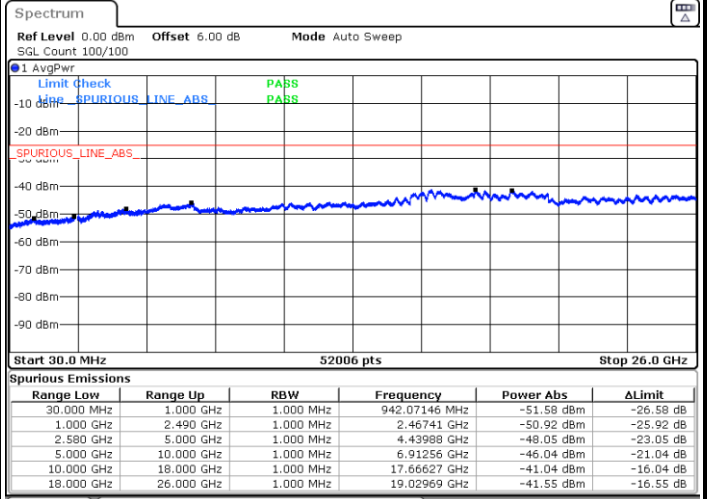
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

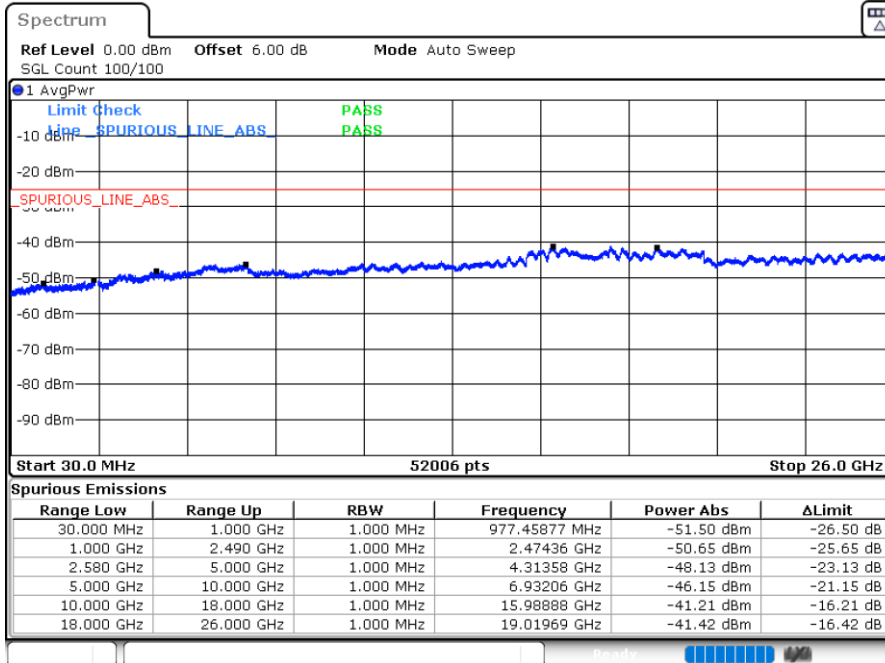


Date: 7.APR.2024 16:31:18



Date: 7.APR.2024 16:33:02

Highest Channel / QPSK



Date: 7.APR.2024 16:37:31



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0049	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0038	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0047	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0037	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

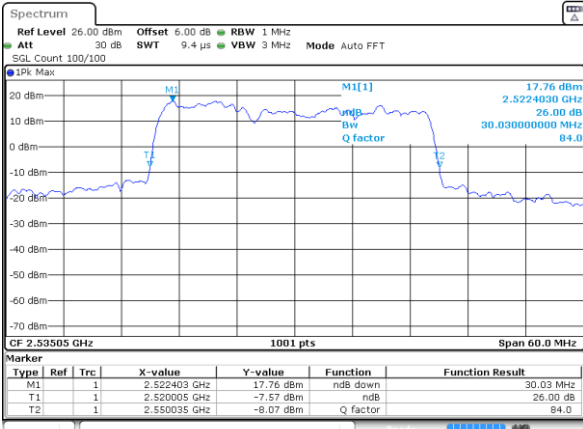
26dB Bandwidth

Mode	LTE Band 7c : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	30.15
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.33	25.43
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.63	30.81
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	34.97
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	29.97
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	34.97
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.92	40.36



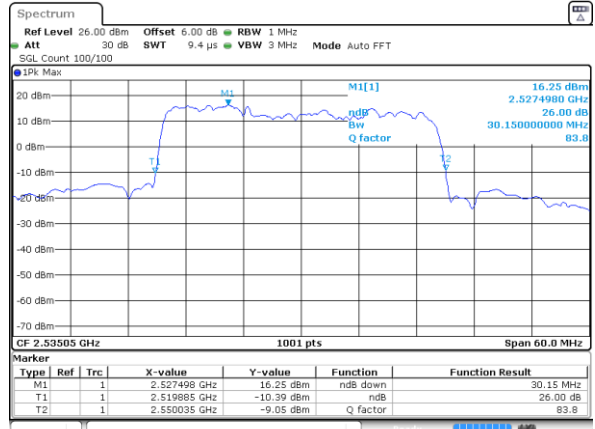
LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK



Date: 4 APR 2024 14:31:38

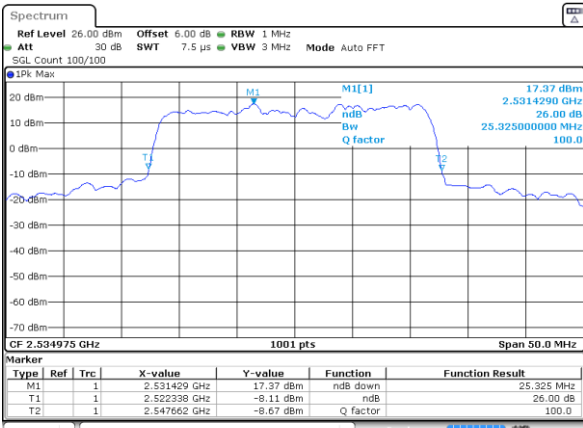
Middle Channel / 10MHz+20MHz / 16QAM



Date: 4 APR 2024 14:32:07

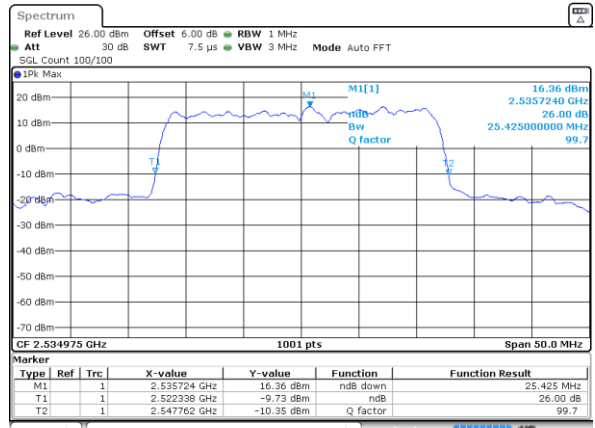
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 4 APR 2024 15:11:46

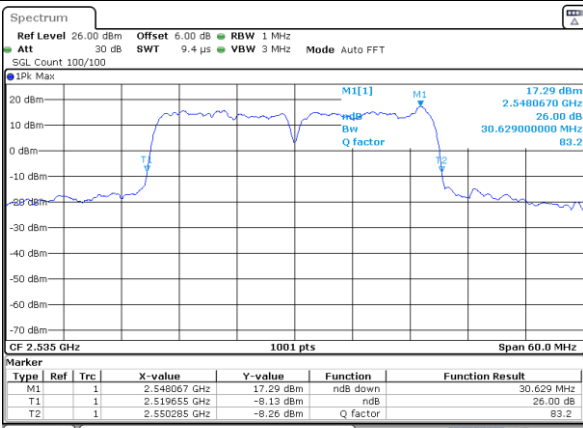
Middle Channel / 15MHz+10MHz / 16QAM



Date: 4 APR 2024 15:12:16

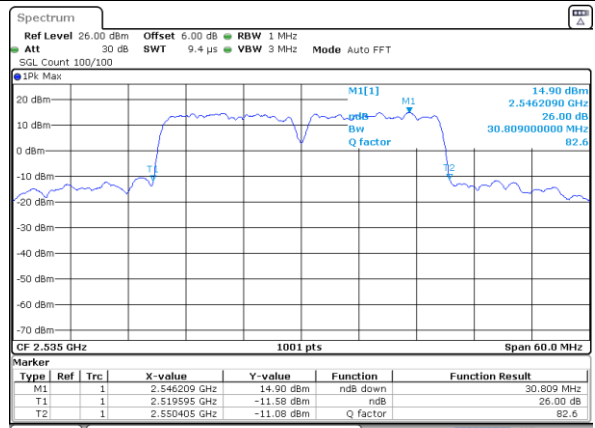
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 4 APR 2024 15:47:31

Middle Channel / 15MHz+15MHz / 16QAM

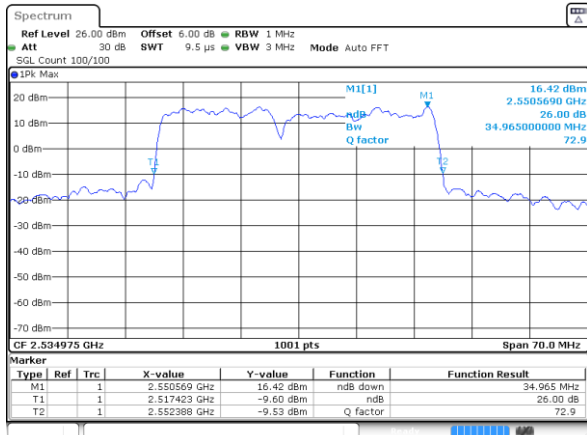


Date: 4 APR 2024 15:47:58



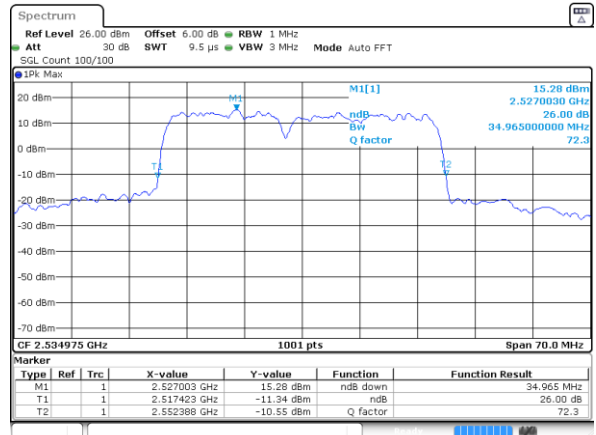
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 4 APR 2024 16:26:16

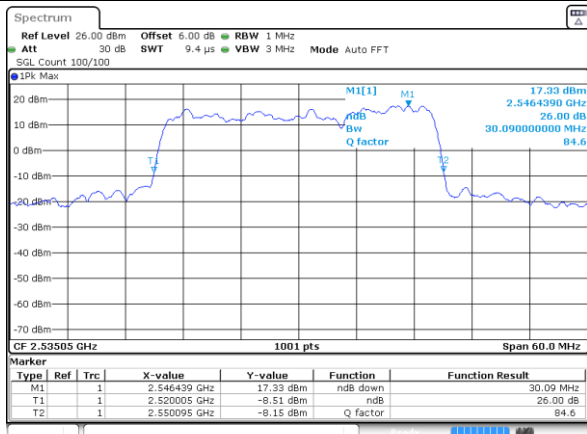
Middle Channel / 15MHz+20MHz / 16QAM



Date: 4 APR 2024 16:26:46

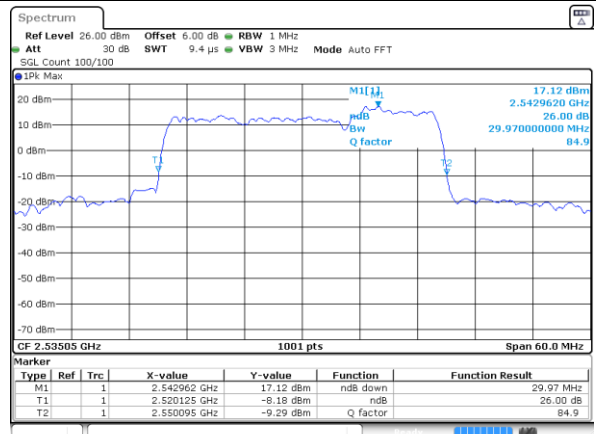
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 4 APR 2024 17:19:34

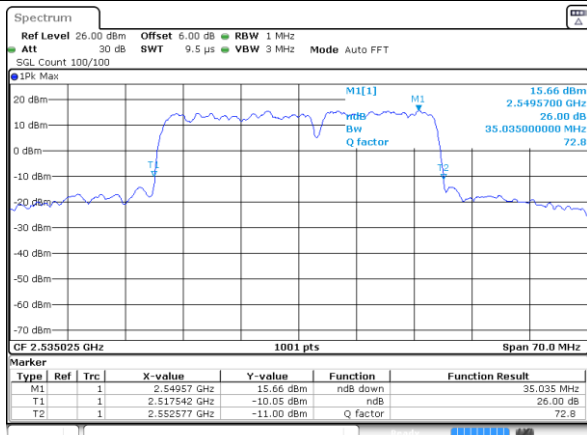
Middle Channel / 20MHz+10MHz / 16QAM



Date: 4 APR 2024 17:20:04

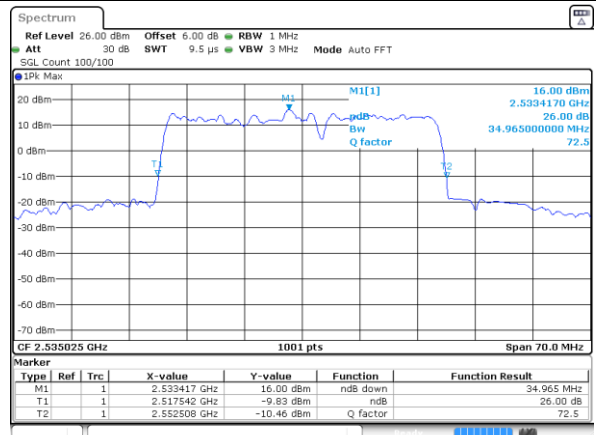
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 4 APR 2024 17:50:39

Middle Channel / 20MHz+15MHz / 16QAM

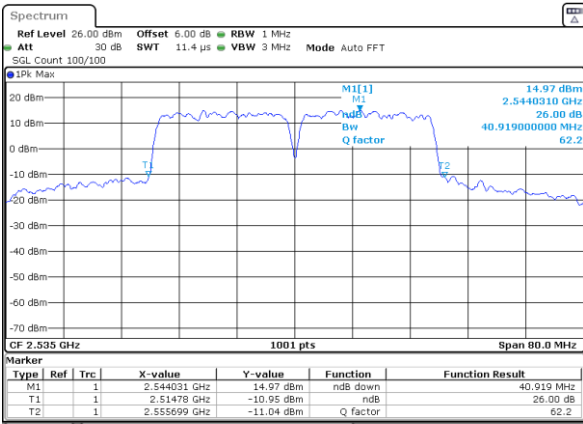


Date: 4 APR 2024 17:51:09



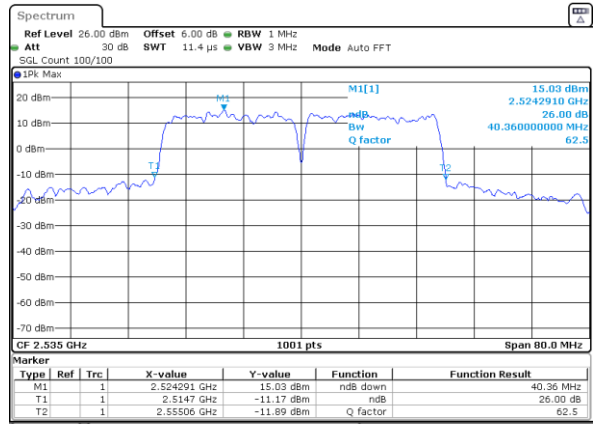
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 4 APR 2024 18:19:11

Middle Channel / 20MHz+20MHz / 16QAM



Date: 4 APR 2024 18:19:39



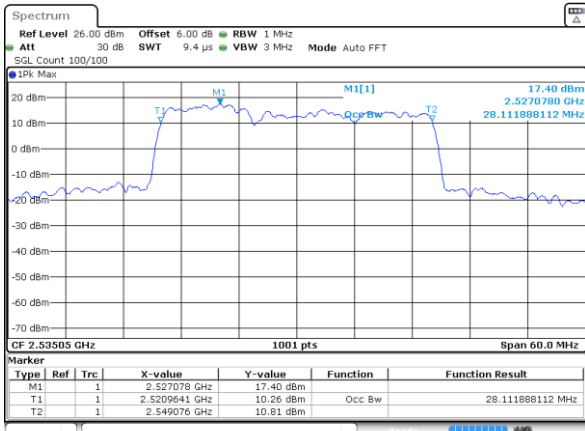
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	28.17
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.53	23.58
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.83	28.71
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	33.01	32.80
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.05	28.17
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	33.08	32.80
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.80	37.88



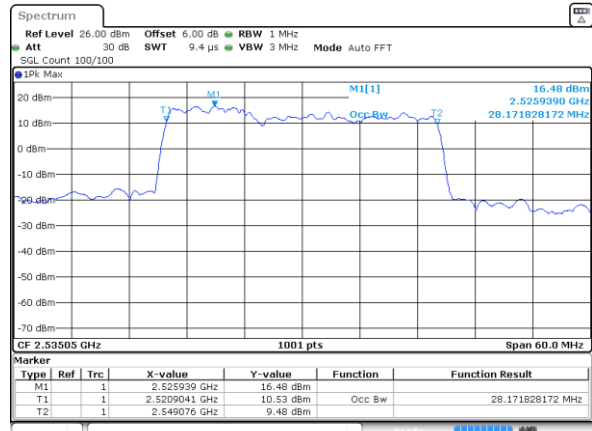
LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK



Date: 4 APR 2024 14:31:08

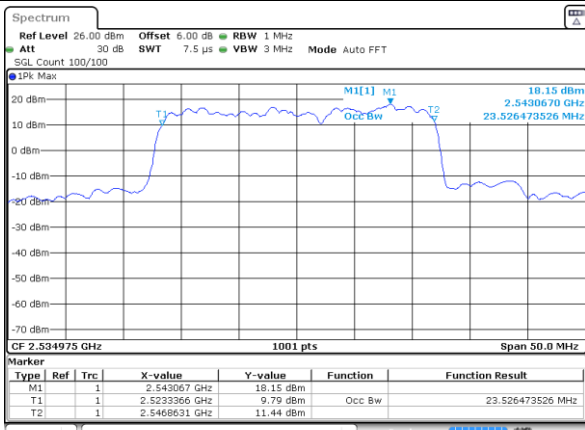
Middle Channel / 10MHz+20MHz / 16QAM



Date: 4 APR 2024 14:32:37

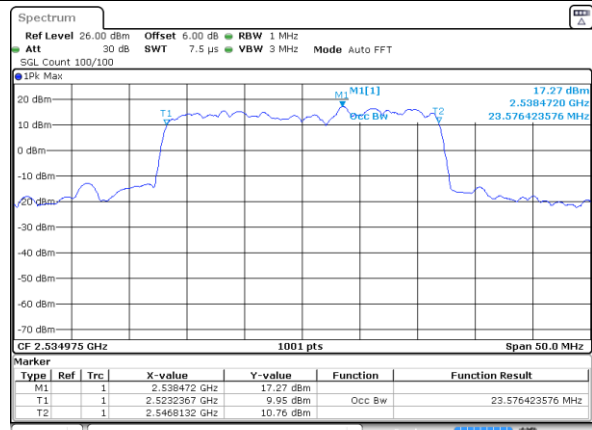
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 4 APR 2024 15:11:17

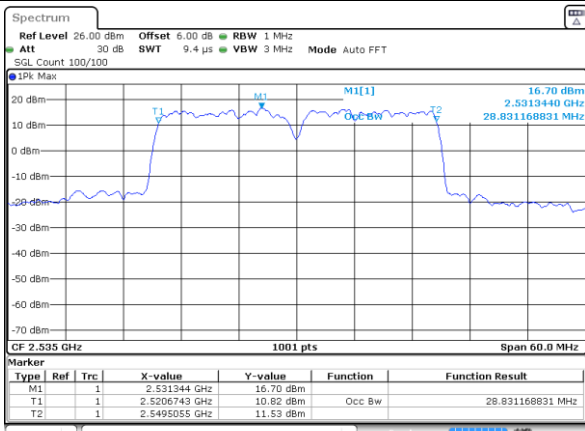
Middle Channel / 15MHz+10MHz / 16QAM



Date: 4 APR 2024 15:12:45

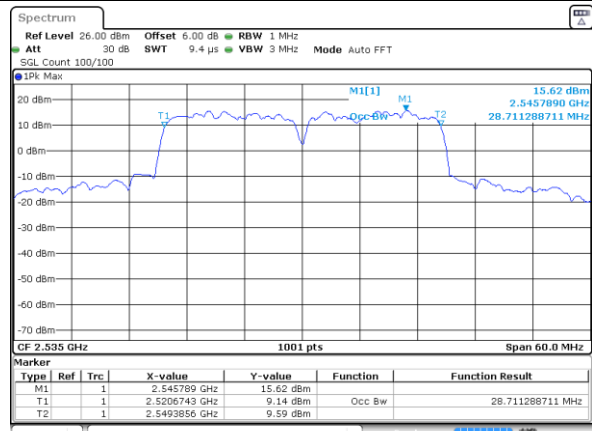
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 4 APR 2024 15:47:03

Middle Channel / 15MHz+15MHz / 16QAM

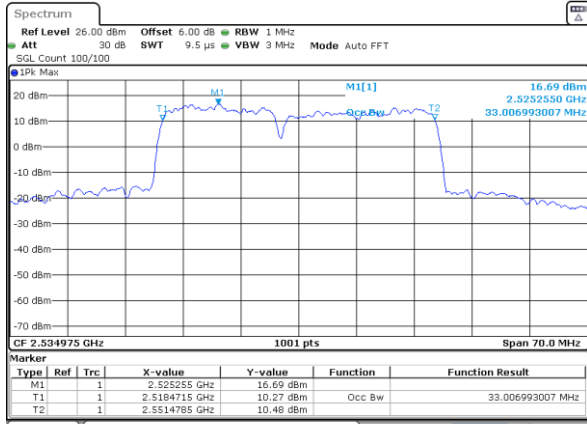


Date: 4 APR 2024 15:48:26



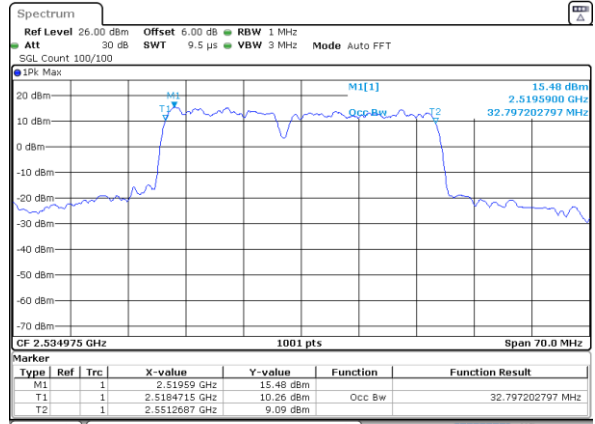
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 4 APR 2024 16:25:46

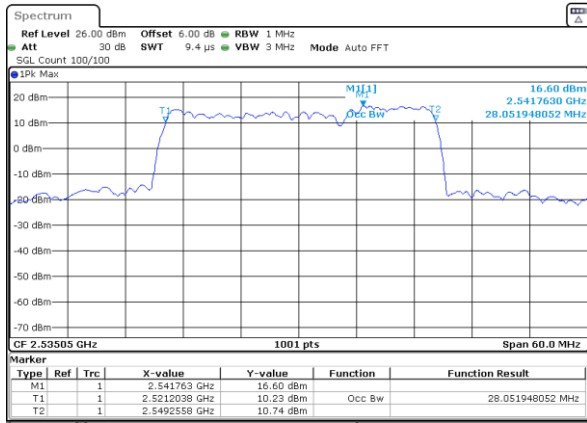
Middle Channel / 15MHz+20MHz / 16QAM



Date: 4 APR 2024 16:27:15

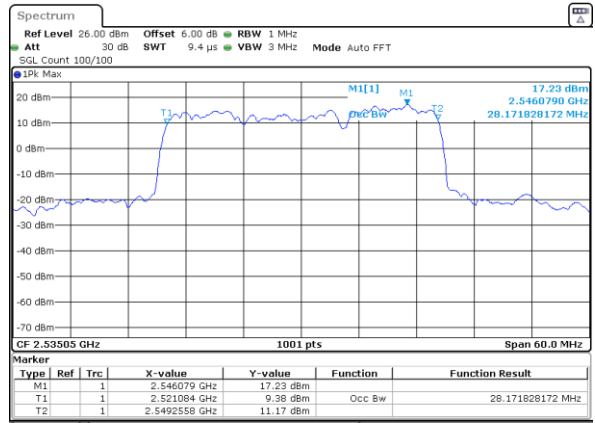
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 4 APR 2024 17:19:05

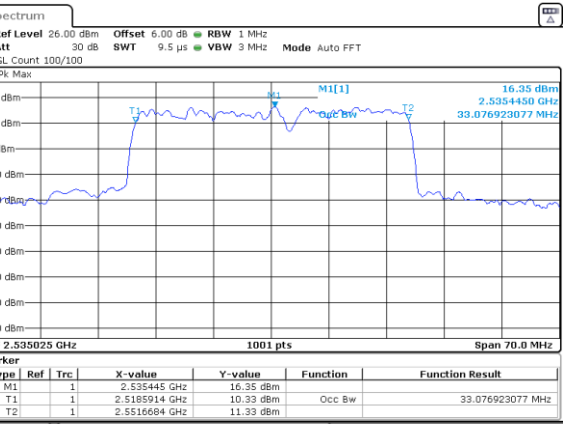
Middle Channel / 20MHz+10MHz / 16QAM



Date: 4 APR 2024 17:20:33

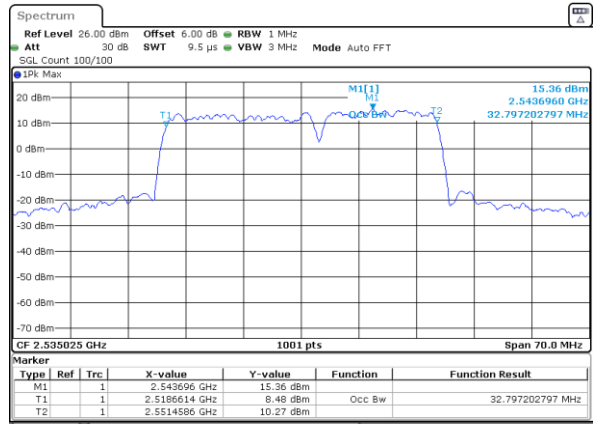
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 4 APR 2024 17:50:10

Middle Channel / 20MHz+15MHz / 16QAM

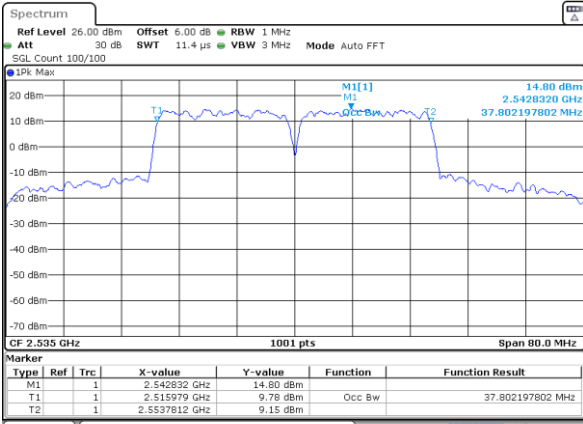


Date: 4 APR 2024 17:51:39



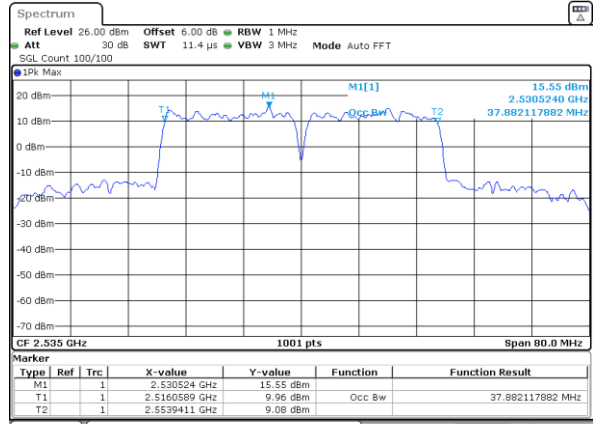
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 4 APR 2024 18:18:44

Middle Channel / 20MHz+20MHz / 16QAM



Date: 4 APR 2024 18:20:06

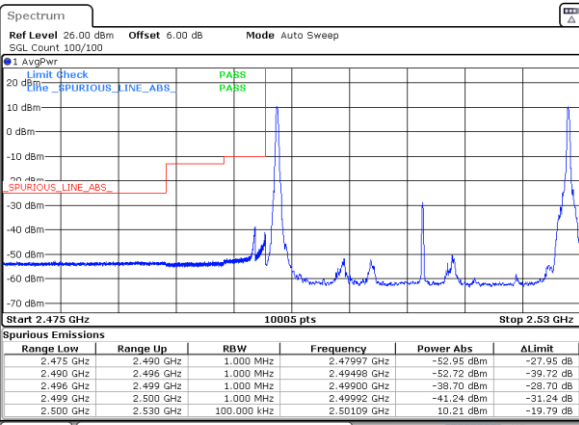


Conducted Band Edge

LTE Band 7 / 10MHz+20MHz

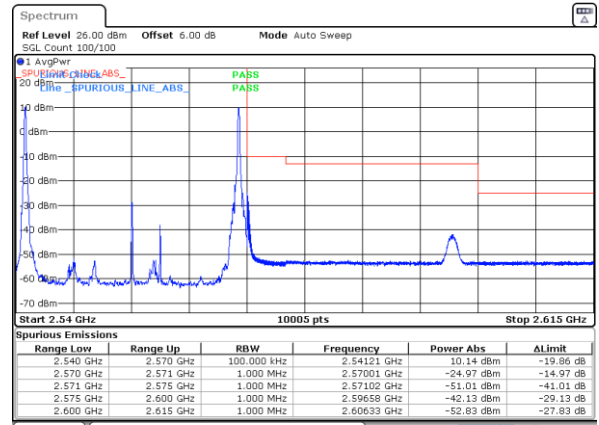
QPSK

Lowest Band Edge / 1RB0 and 1RB99



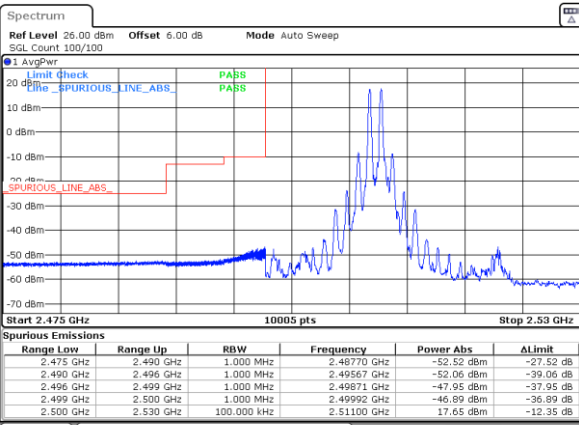
Date: 4 APR 2024 13:57:51

Highest Band Edge / 1RB0 and 1RB99



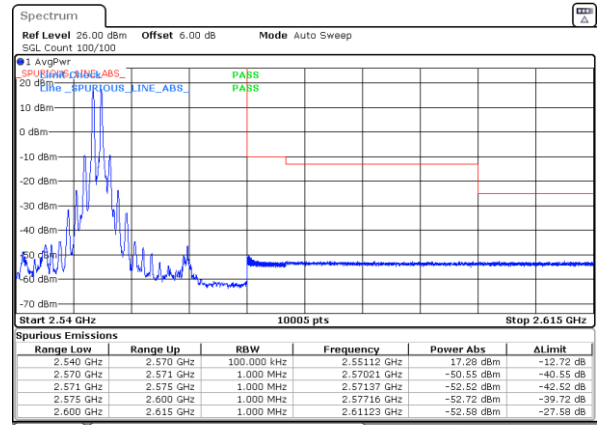
Date: 4 APR 2024 14:17:47

Lowest Band Edge / 1RB49 and 1RB0

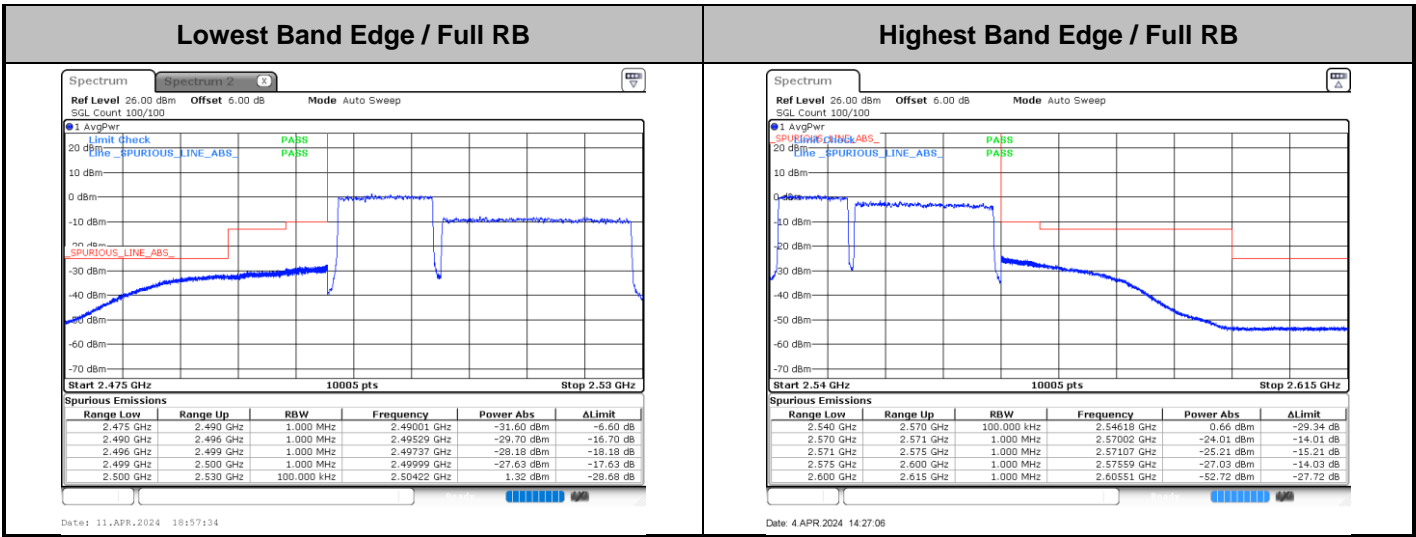


Date: 4 APR 2024 14:02:34

Highest Band Edge / 1RB49 and 1RB0



Date: 4 APR 2024 14:22:26



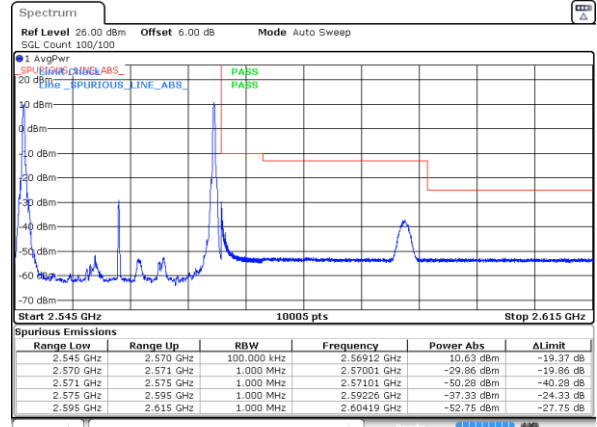
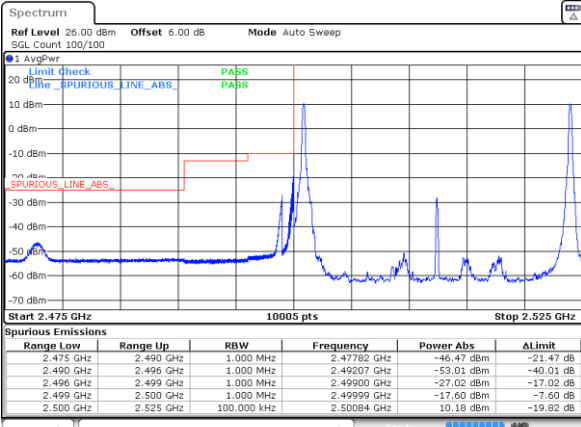


LTE Band 7 / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

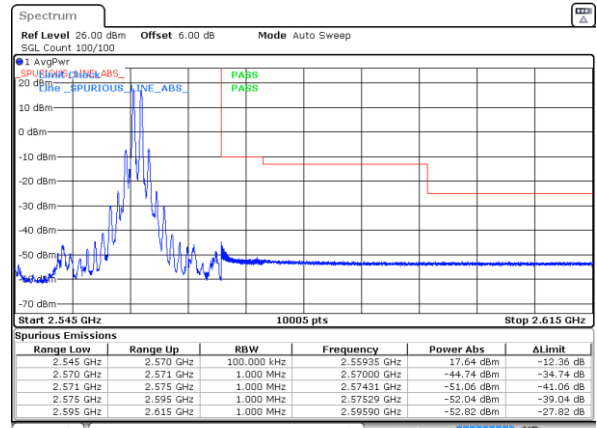
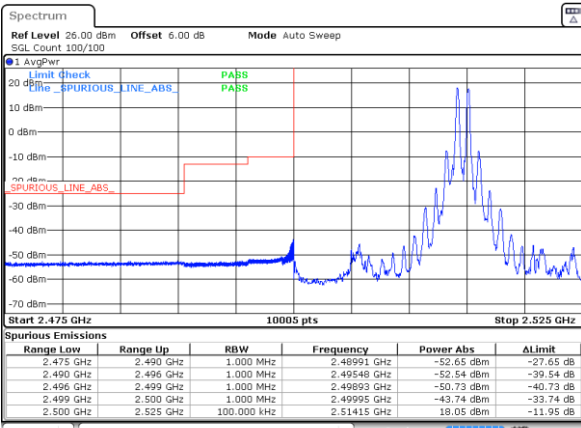


Date: 4 APR 2024 14:37:58

Date: 4 APR 2024 14:57:53

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

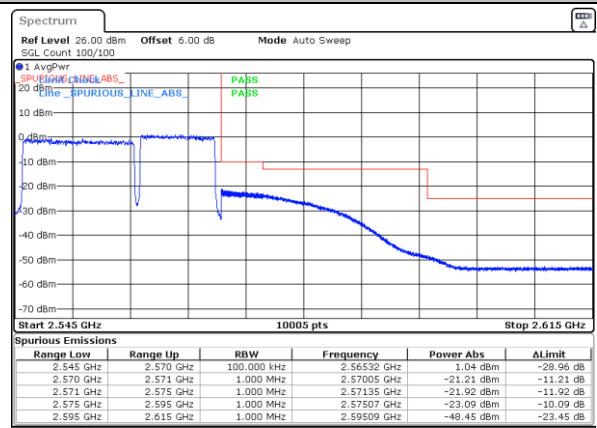
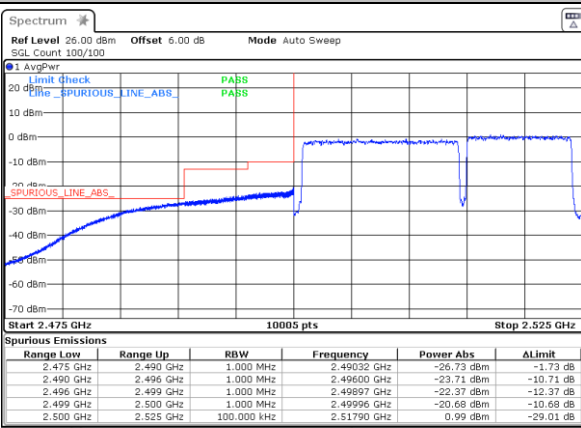


Date: 4 APR 2024 14:42:40

Date: 4 APR 2024 15:02:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 APR 2024 18:33:32

Date: 4 APR 2024 15:07:15

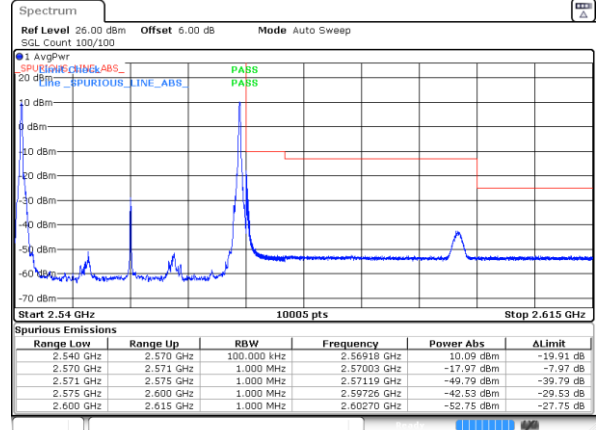
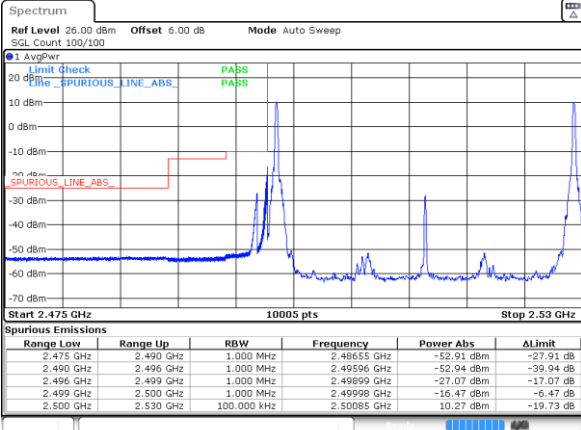


LTE Band 7 / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

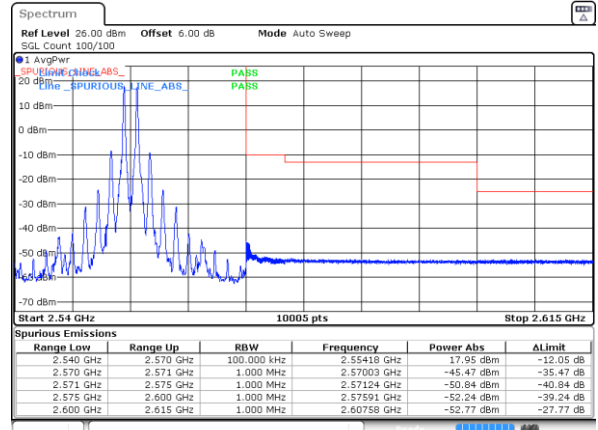
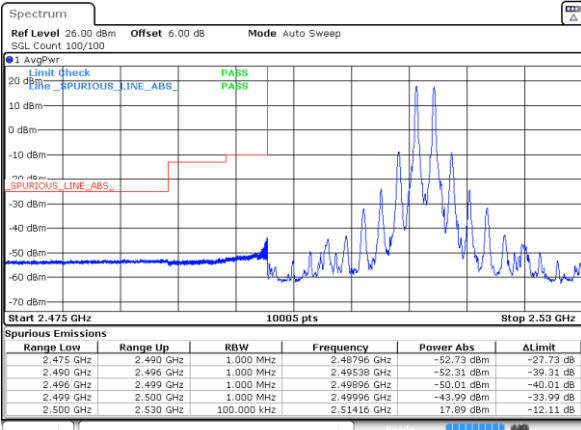


Date: 4 APR 2024 15:15:21

Date: 4 APR 2024 15:34:05

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

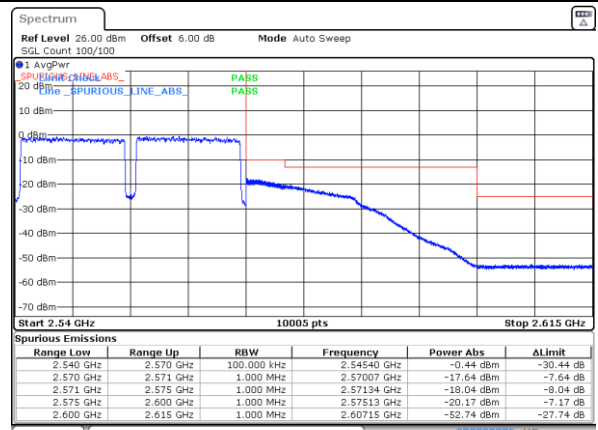
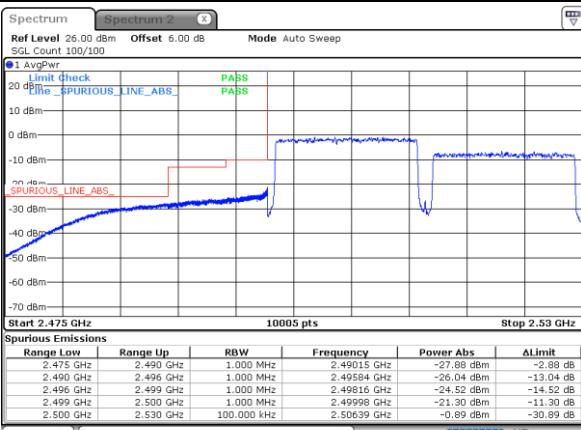


Date: 4 APR 2024 15:19:55

Date: 4 APR 2024 15:38:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.APR.2024 19:01:21

Date: 4 APR 2024 15:43:10

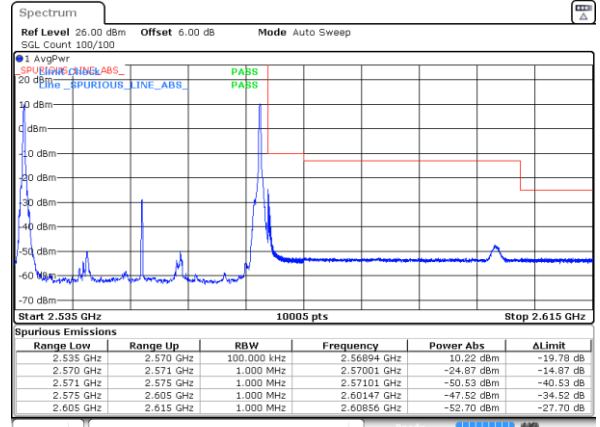
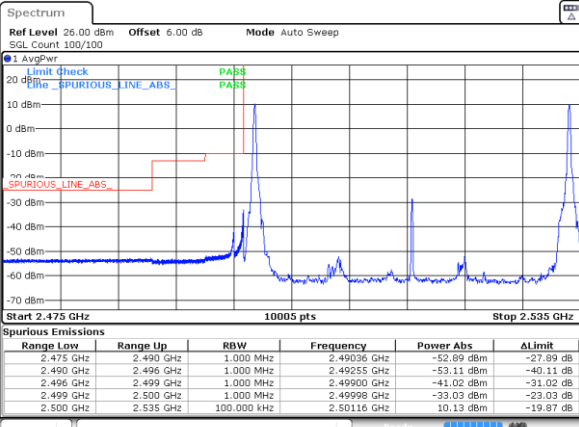


LTE Band 7 / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

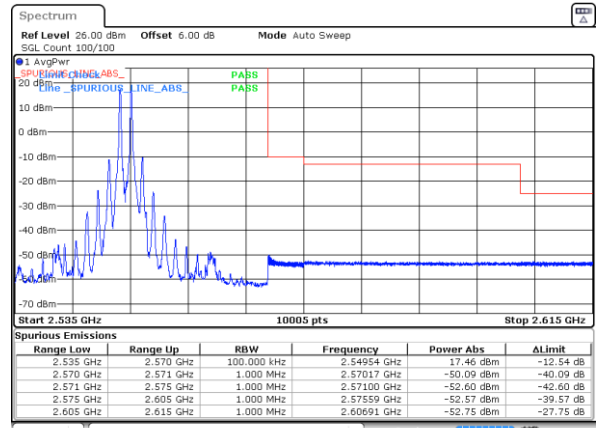
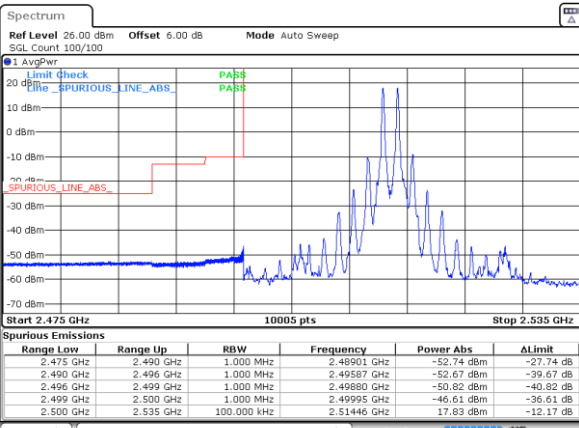


Date: 4 APR 2024 15:52:31

Date: 4 APR 2024 16:12:24

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

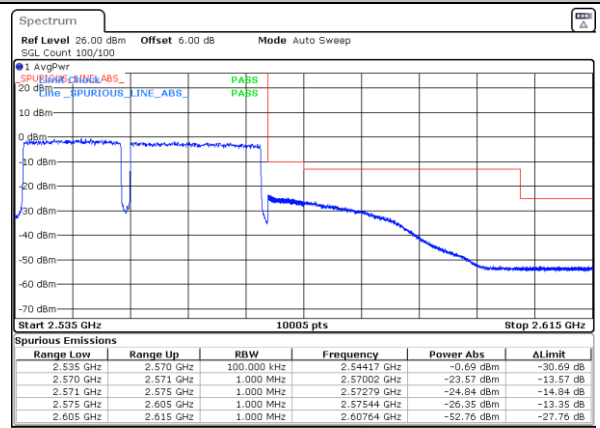
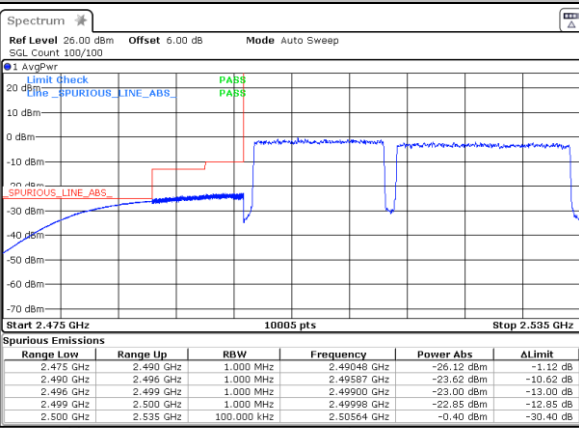


Date: 4 APR 2024 15:57:12

Date: 4 APR 2024 16:10:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 APR 2024 18:37:02

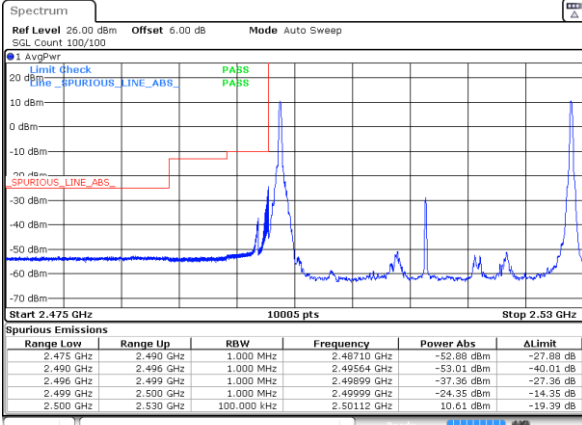
Date: 4 APR 2024 16:21:45



LTE Band 7 / 20MHz+10MHz

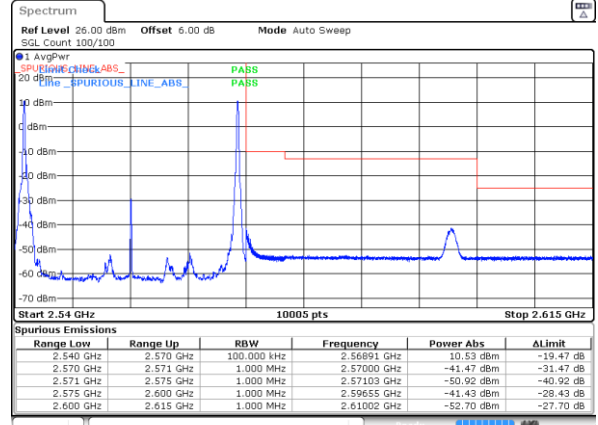
QPSK

Lowest Band Edge / 1RB0 and 1RB74



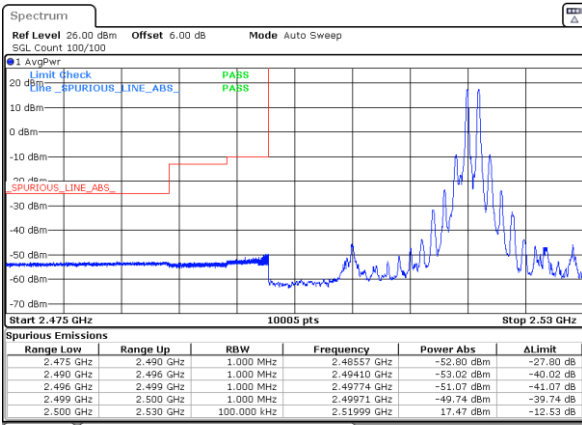
Date: 4 APR 2024 16:55:04

Highest Band Edge / 1RB0 and 1RB74



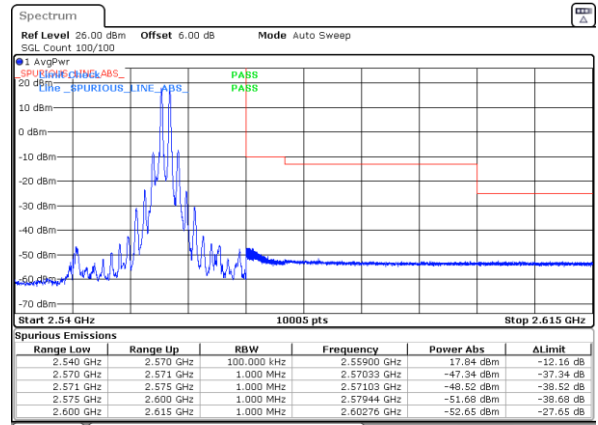
Date: 4 APR 2024 17:09:44

Lowest Band Edge / 1RB99 and 1RB0



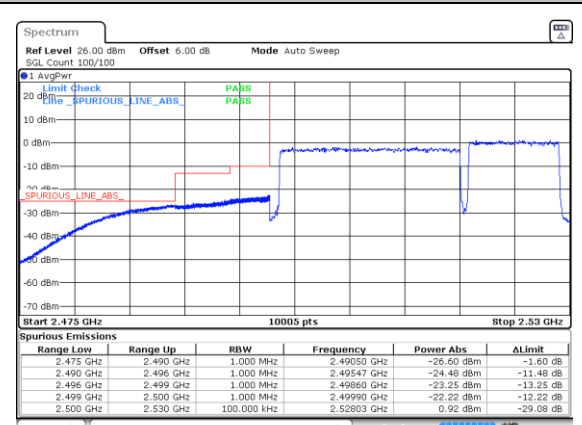
Date: 4 APR 2024 16:59:01

Highest Band Edge / 1RB99 and 1RB0



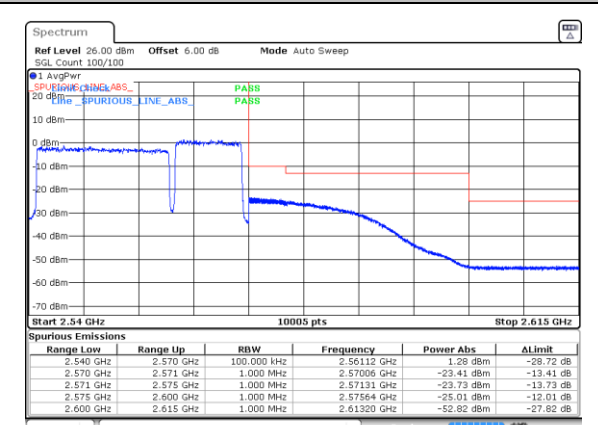
Date: 4 APR 2024 17:12:56

Lowest Band Edge / Full RB



Date: 4 APR 2024 17:03:16

Highest Band Edge / Full RB



Date: 4 APR 2024 17:16:06

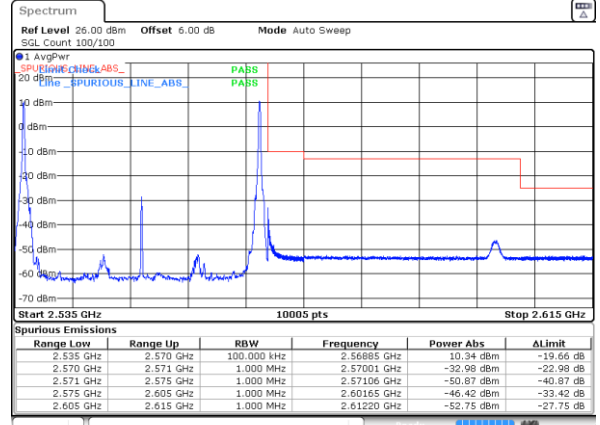
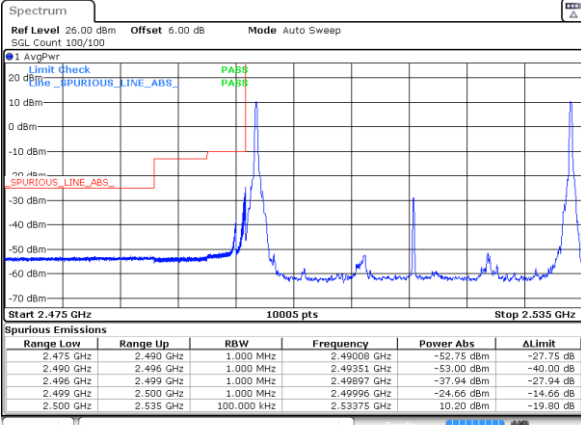


LTE Band 7 / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

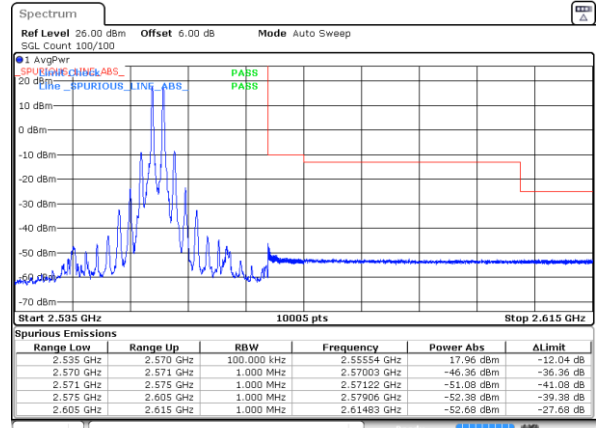
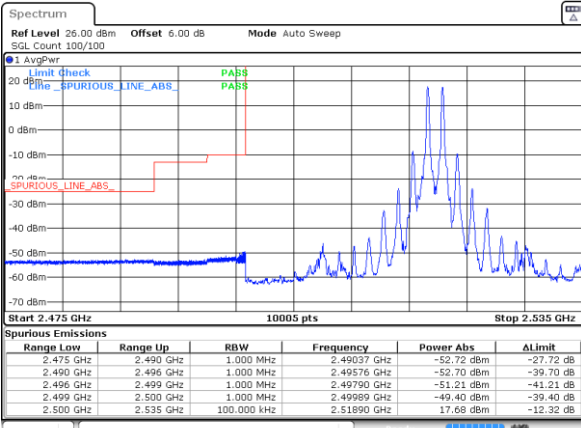


Date: 4 APR 2024 17:22:46

Date: 4 APR 2024 17:40:43

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

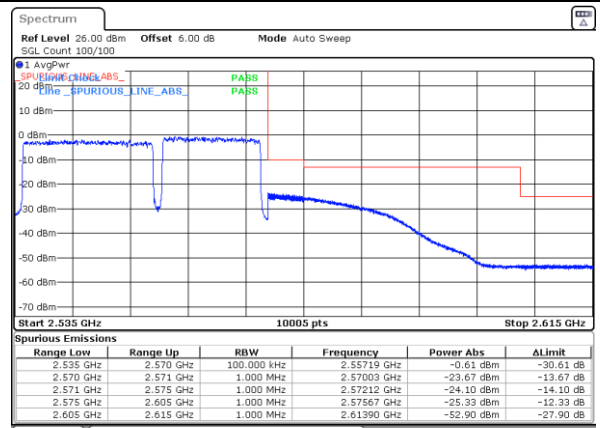
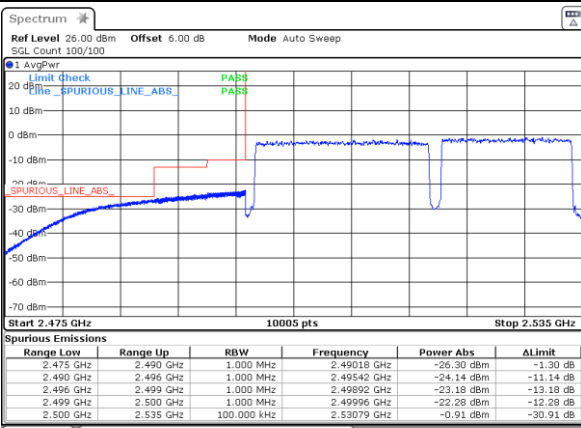


Date: 4 APR 2024 17:25:59

Date: 4 APR 2024 17:43:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 APR 2024 18:38:53

Date: 4 APR 2024 17:47:08

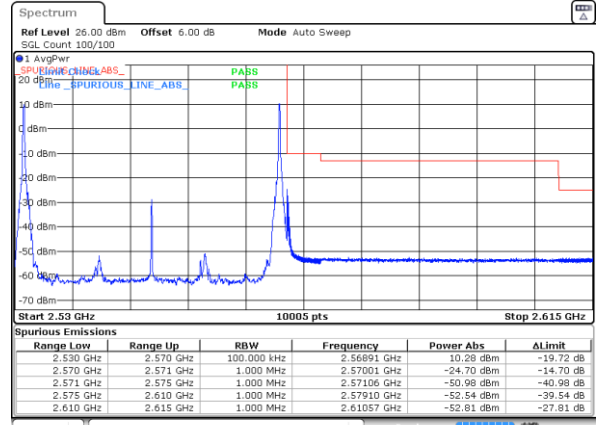
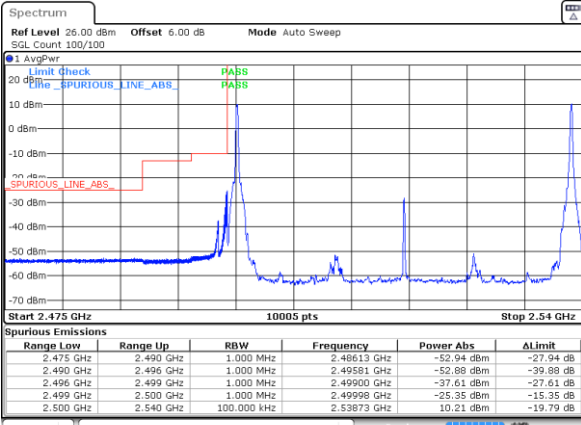


LTE Band 7 / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

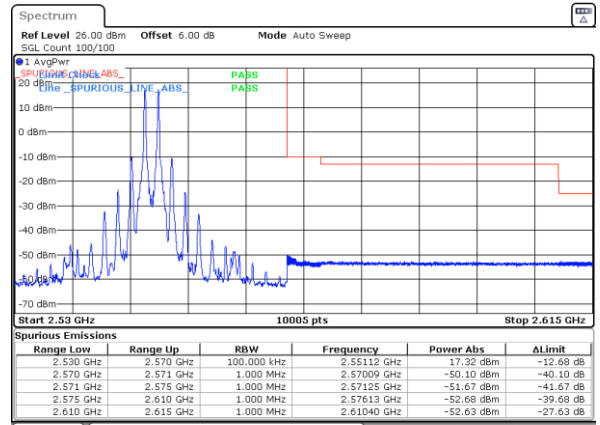
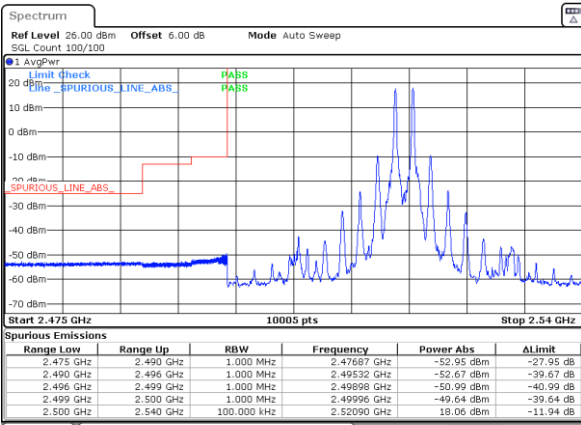


Date: 4 APR 2024 17:54:00

Date: 4 APR 2024 18:09:46

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

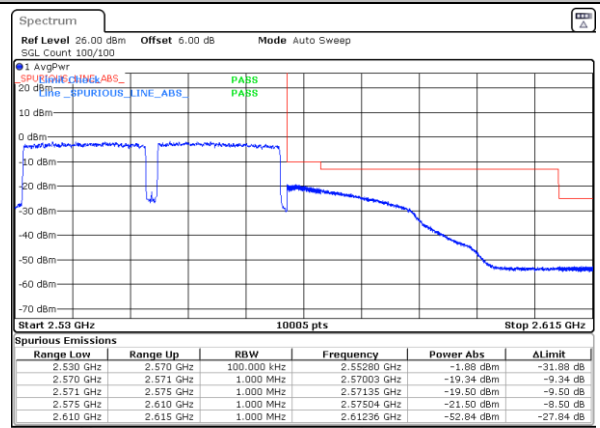
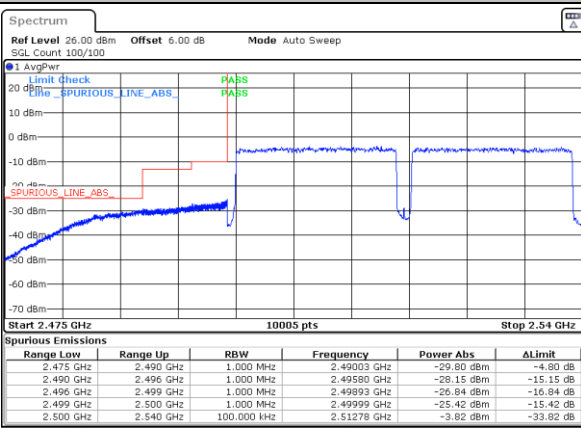


Date: 4 APR 2024 17:57:05

Date: 4 APR 2024 18:12:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12 APR 2024 08:48:20

Date: 4 APR 2024 18:15:56

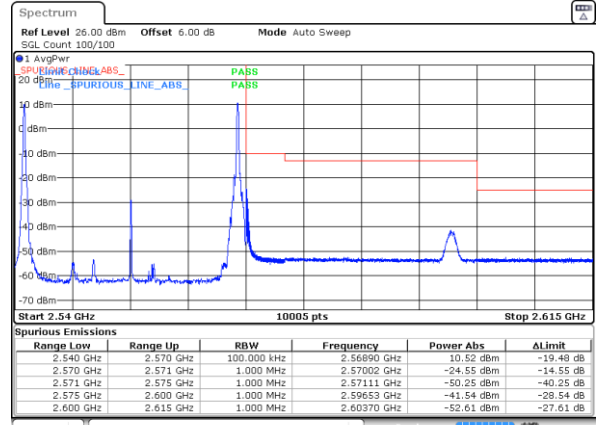
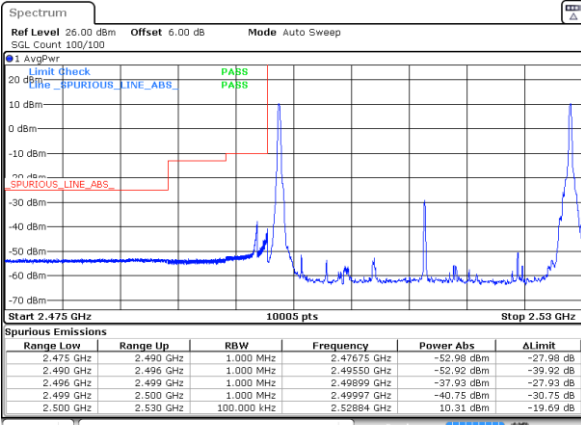


LTE Band 7 / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

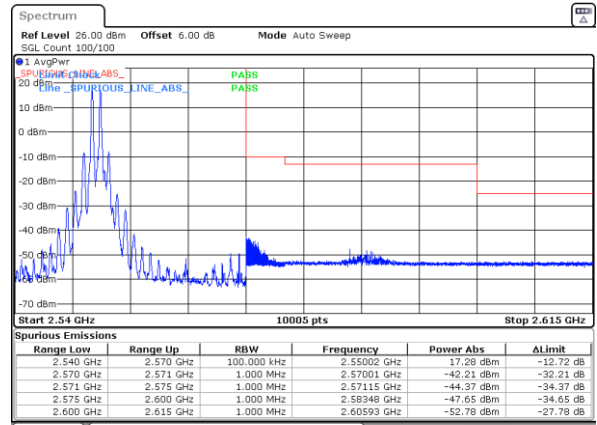
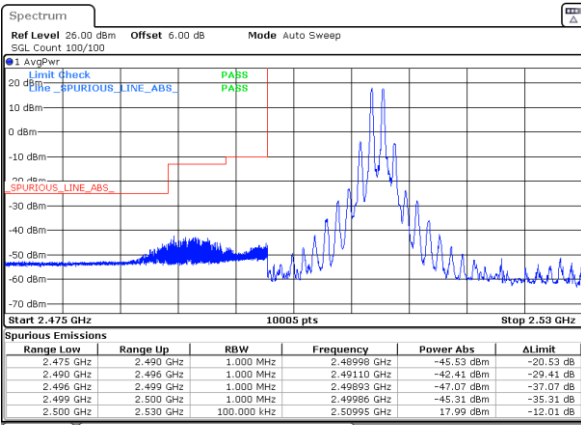


Date: 4 APR 2024 13:59:01

Date: 4 APR 2024 14:18:56

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

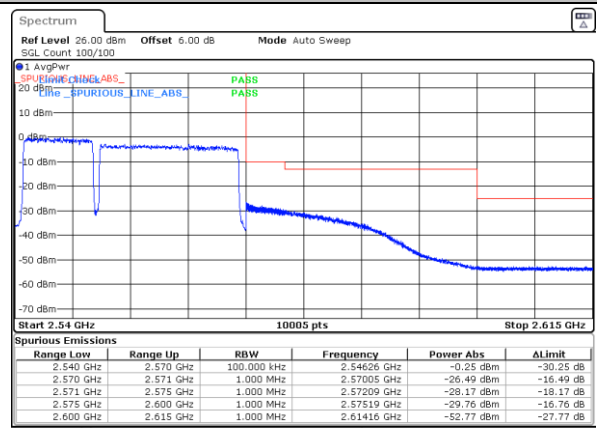
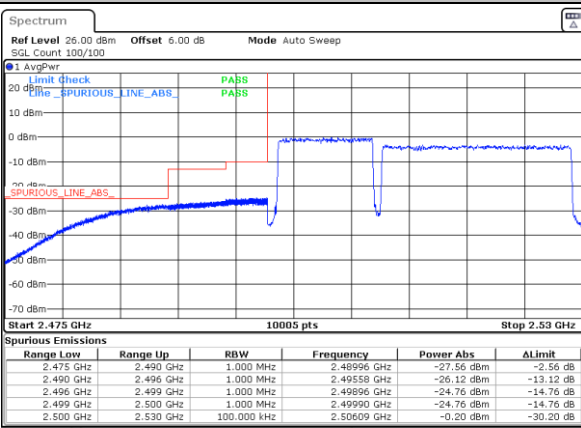


Date: 4 APR 2024 14:03:44

Date: 4 APR 2024 14:23:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 APR 2024 14:08:25

Date: 4 APR 2024 14:28:16

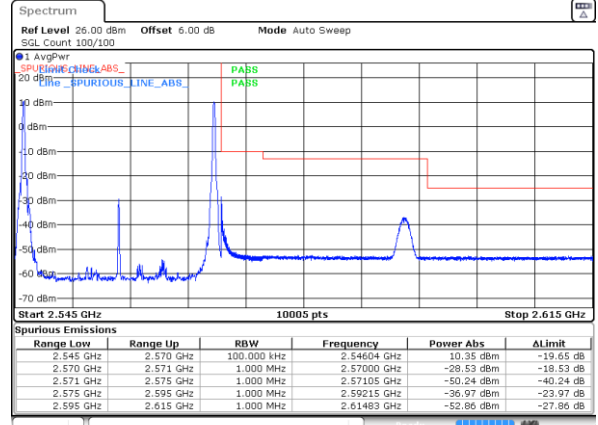
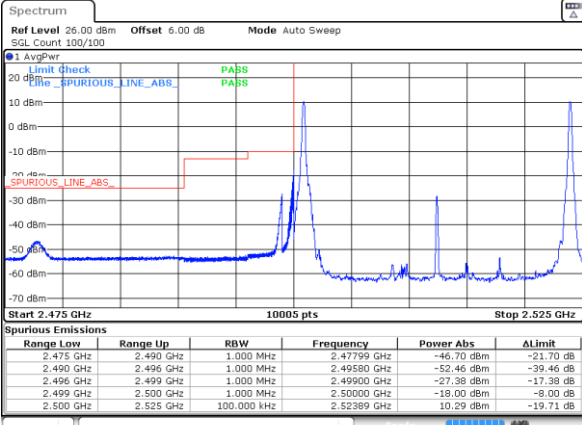


LTE Band 7 / 15MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

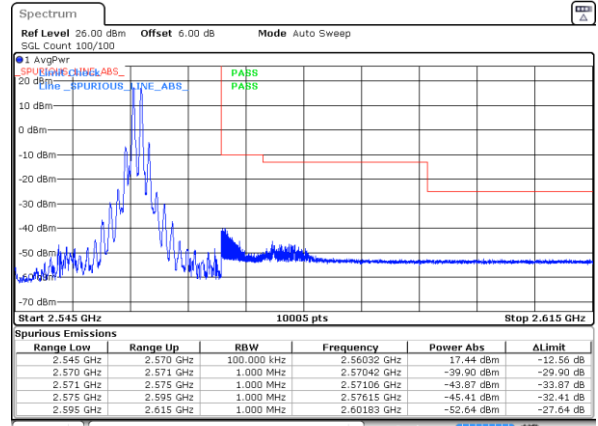
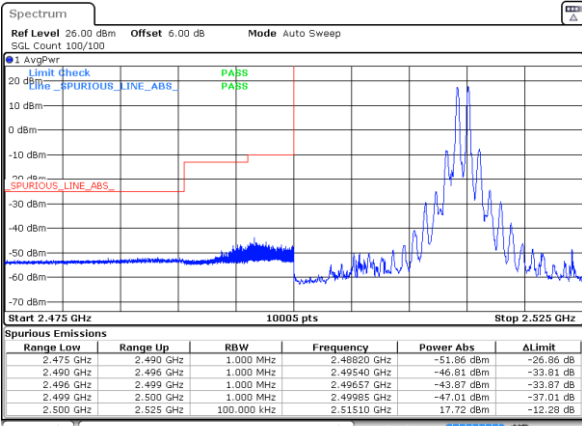


Date: 4 APR 2024 14:39:08

Date: 4 APR 2024 14:59:03

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

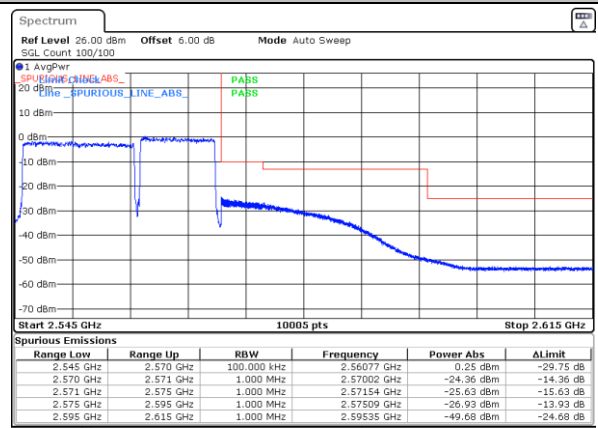
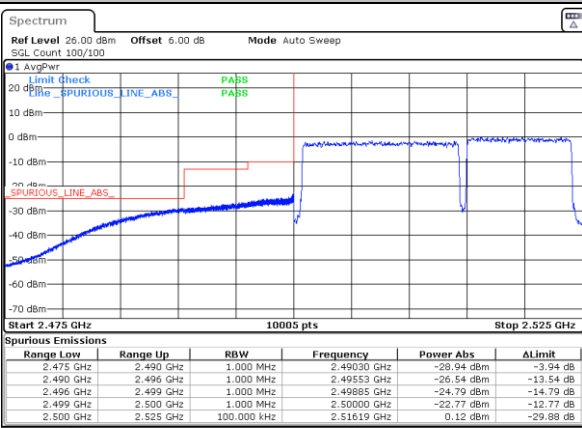


Date: 4 APR 2024 14:43:50

Date: 4 APR 2024 15:03:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 APR 2024 14:48:32

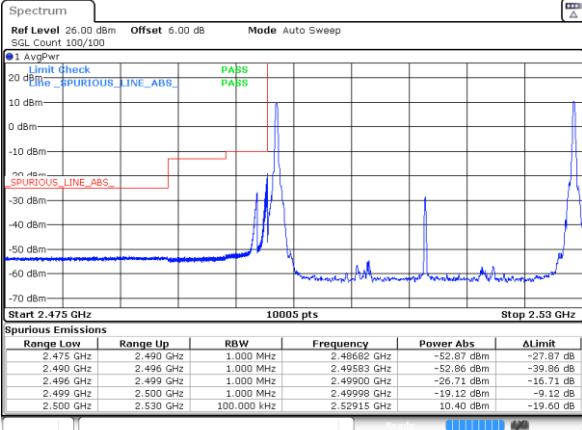
Date: 4 APR 2024 15:08:25



LTE Band 7 / 15MHz+15MHz

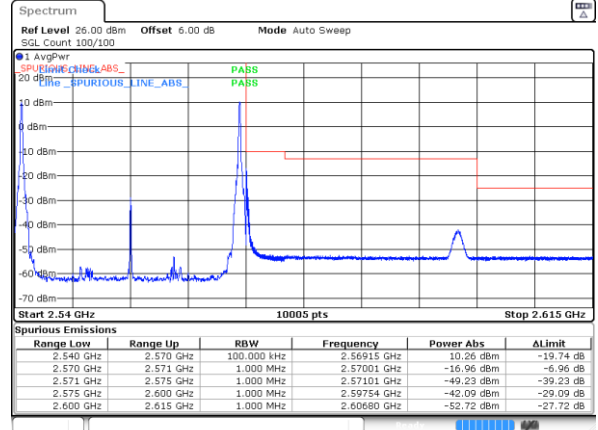
16QAM

Lowest Band Edge / 1RB0 and 1RB74



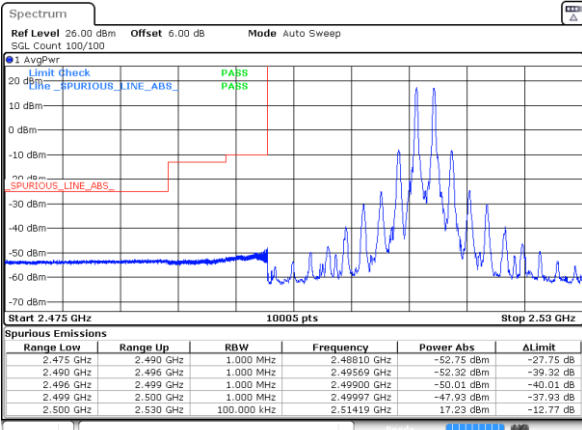
Date: 4 APR 2024 15:16:30

Highest Band Edge / 1RB0 and 1RB74



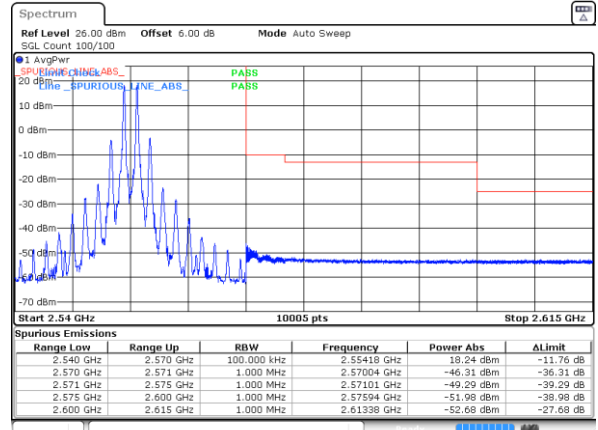
Date: 4 APR 2024 15:35:13

Lowest Band Edge / 1RB74 and 1RB0



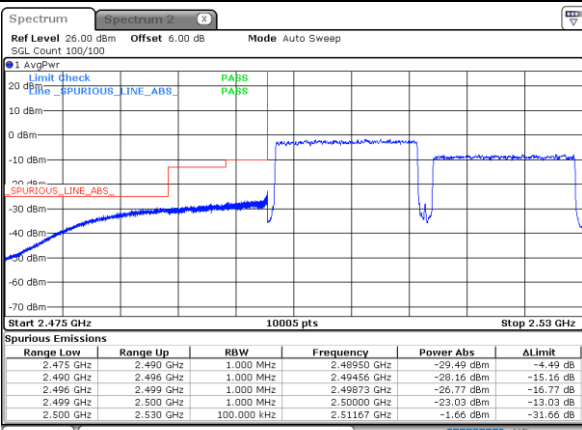
Date: 4 APR 2024 15:21:03

Highest Band Edge / 1RB74 and 1RB0



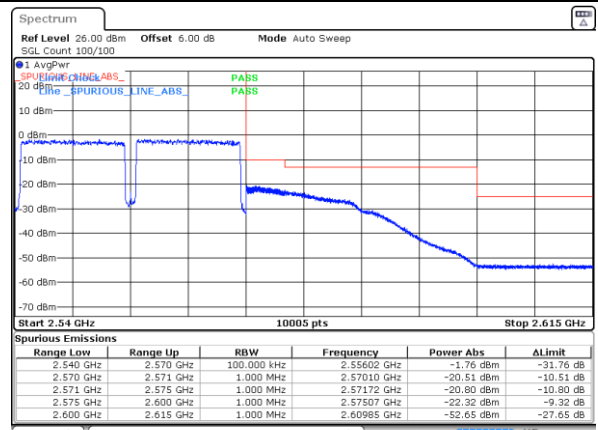
Date: 4 APR 2024 15:39:45

Lowest Band Edge / Full RB



Date: 11.APR.2024 19:02:23

Highest Band Edge / Full RB



Date: 4 APR 2024 15:44:18

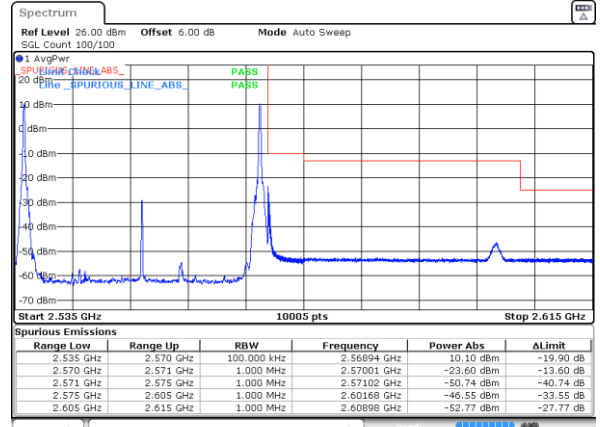
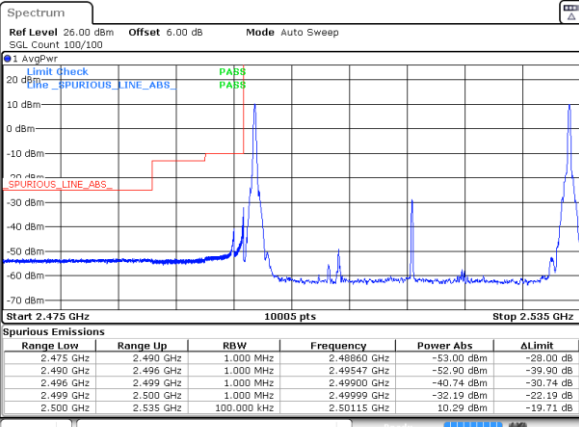


LTE Band 7 / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

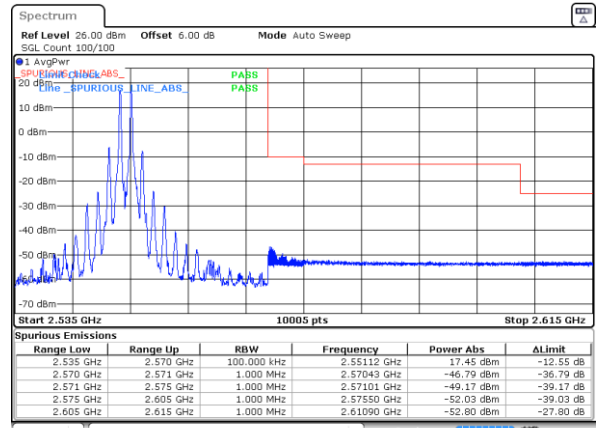
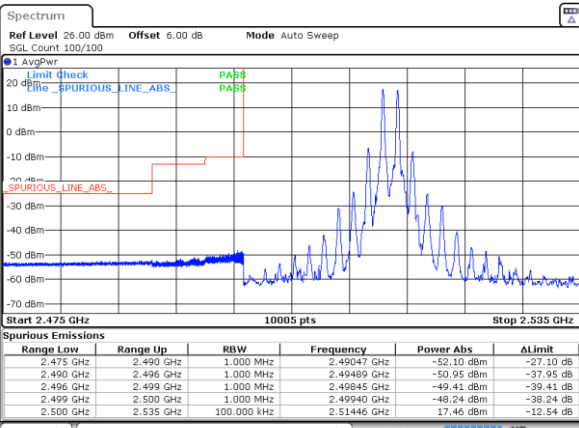


Date: 4 APR 2024 15:53:41

Date: 4 APR 2024 16:13:34

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

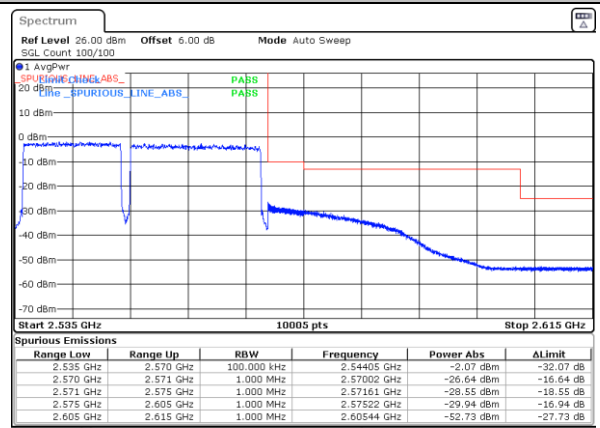
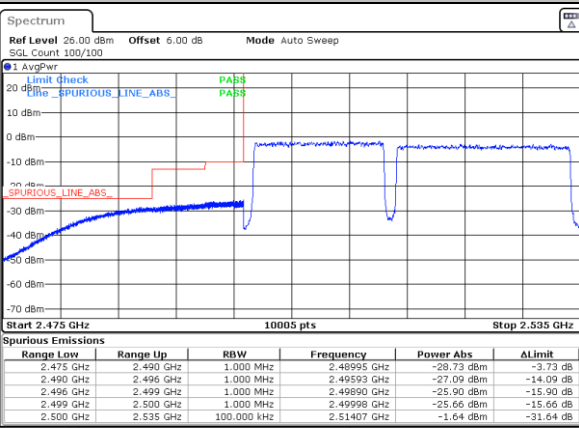


Date: 4 APR 2024 15:58:22

Date: 4 APR 2024 16:18:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 APR 2024 16:03:04

Date: 4 APR 2024 16:22:54